

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name City of Rosemead	County Los Angeles		
Authorized Signature	Title Director of Administrative Services		
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)	Title		
Affiliation:			
Mailing Address	City	State	ZIP Code
E-mail address	<u>bcrowe@cityofrosemead.org</u>		

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	1999

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

Based on the Board's Disposal Reporting System DRS, the City's disposal tonnage has increased and decreased from 1995 to 1998. The average decrease is 4,618 tons and the average increase is 4,594 tons. Decreases in disposal occurred in 1997 while increases in disposal occurred in 1996 & 1998. In 1999 the City's disposal increased by 5,945 tons. The DRS indicates that the past 3 consecutive years (1997, 1998 & 1999) the average increase in disposal was 5,071 tons. The DRS does not establish a consistent disposal tonnage but establishes a fluctuation pattern that averages a 4,937 tons between 1995 to 1999. (Continued on Addendum A)

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 18 %	Diversion rate calculated using new generation-based study	b. 29 %
For existing base year pounds/person/day based on generation	8.47	For new generation based study pounds/person/day based on generation	9.21
Residential generation 41 % Non-Residential generation 59 %		Residential generation 21% % Non-Residential generation 79% %	
Population existing generation-based study 51,638		Population new generation-based study 56,400	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

Since 1990, the City implemented its SRRE programs for the residential sector and effectively expanded the single family dwelling curbside recycling program to include additional recyclable materials and began a pilot multi-family recycling program. The City began grasscycling at City parks and implemented City Hall mixed paper recycling program. Since 1990 the City has coordinated with Schools to encourage grasscycling. To prevent illegal dumping the City began an enforcement program to collect and recycle bulky items year round. This enforcement program complements the City's quarterly curbside bulky item pick up recycling program. The quantity of waste generated per person per day increased by 1.5 pounds per person per day this increase is attributable to the slight growth in the commercial and industrial sector.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The diversion rate calculated using the new generation base year study is greater because of omissions in diversion activity in the 1990 base year generation and to the 1998 revision to the 1990 base year generation. The 1990 base year generation study did not include all the aspects of diversion that are reflected in this report. According to the SRRE, the 1990 base year study consisted of distributing 100 surveys via the mail and conducting phone and on-site interviews with the waste haulers. Of the 100 business surveys only 18 surveys were returned usable. This low response rate indicates that diversion activity for the private businesses were not adequately assessed. Furthermore, when the 1990 base year study was conducted, the residential recycling program was in its infancy as such, historical data was not available to allow for a clear depiction of the effectiveness of the curbside recycling program. Likewise, in 1990 the City facility grasscycling, asphalt and office recycling program had just begun and the disposal/diversion activities were not accurately assessed. (Continued on Addendum A)

7. Disposal Tonnage: (enter values)	17113	50256	67369
Residential	Non-Residential	Total	

Please select the ONE choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmrb.ca.gov/l/gcentral/forms/rytnmdrq.doc>)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmrb.ca.gov/l/gcentral/forms/rytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.			
Residential Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)
Please use the Board's program types. The program type glossary is online at: http://www.ciwmrb.ca.gov/l/gcentral/part5/codes/reduce.htm	(A) Total Generation	(A/Tot) Generation	(A)
Residential Activities:			
Sources Reduction	0	0.0%	
Backyard composting	0	0.0%	
Grasscycling	0	0.0%	
Other Residential source reduction (list each program separately)			
Enter program name		0.0%	
Enter program name		0.0%	
Enter program name		0.0%	
Enter program name		0.0%	
Subtotal Residential Source Reduction	0	0.0%	
Curbside Recycling			
Curbside Recycling	1015	1.1%	Curbside recycling collection: aluminum, steel cans, PET, HDPE, mixed plastics, glass, cardboard, newspaper
Buyback centers			Buyback centers, recycling centers: Aluminum, glass, plastic and bi-metals
Drop-off centers	801	0.8%	
	0	0.0%	

*Please provide detailed Non-Residential waste information in Section 9.

Actual tonnage quantity obtained from Consolidated Disposal Service, Inc. "Rosemead Curbside Recycling Program- Volume/Revenue Report"

Report on file at City Hall.

Actual tonnage quantity obtained from Department of Conservation: "1999 aggregate tonnage for the City of Rosemead" Note: Curbside Recycling tonnage for aluminum plastics and glass is NOT reported as part of this line item quantity.

Reported for the City of Rosemead" Report on file at City Hall.

Division/Activity	Actual tons	Total Generation	Relative Percent to Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used if any and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmib.ca.gov/central/paris/code/reduce.htm	(A)	(A) Total Generation)			
Other Residential recycling (list each program separately)					
Bulky Item Pick Up & Recycling					
Bulky Item Pick Up & Recycling- Code Enforcement Program	666	0.7%	Mattress, wood furniture, air conditioners, metal play equipment, wood and metal cabinets, home electronics.	Actual tonnage quantities obtained from Consolidated Disposal Service, Inc " 1999 Rosemead Bulky Item Pickups". Bulky items are sent to various recyclers. Items that are disposed are not included in this tonnage quantity.	Consolidated Disposal Service, Inc. " 1999 Rosemead Bulky Item Pickup" Report on file at City Hall.
Enter program name	19	0.0%	White goods, metal frames,	Actual tonnage quantities obtained from Consolidated Disposal Service. City Code Enforcement requests Hauler to remove bulky items that are illegally disposed. Requests are made on a weekly basis.	City of Rosemead "Large Trash Items Referred to Consolidated Disposal" Report on file at City Hall
Enter program name	2501	2.6%			
Subtotal Residential Recycling Composting					
Green waste drop-off					
Curbside green waste					
Christmas Tree program	682	0.7%	Grass Clippings & Yard Trimmings (Christmas trees and greenwaste used as ADC is not Included)	Actual tonnage quantities obtained from Consolidated Disposal Service, Inc " 1999 Rosemead greenwaste". Tonnage quantities reflect greenwaste taken to, River Ranch, and other smaller, composting or mulching facilities. (Greenwaste used as ADC is not included)	Consolidated Disposal Service, Inc " 1999 Rosemead greenwaste" Report on file at City Hall.
Enter program name	17	0.0%	Christmas trees	Actual tonnage quantities obtained from Consolidated Disposal Service, Inc " 1999 Rosemead Christmas Tree Recycling Program". Tonnage quantities reflect greenwaste taken to, River Ranch, and other smaller, composting or mulching facilities. (Greenwaste used as ADC is not included)	Consolidated Disposal Service, Inc " 1999 Rosemead Christmas Tree Recycling Program" Report on file at City Hall.
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	699	0.7%			
Subtotal Residential Diversion	3200	3.4%			
Non-Residential Activities:					
Non-Residential Waste Audits*	854	0.9%		See Section 9	
Other non-Residential source reduction (list each program separately)				See Section 9	
City Parks Grasscycling					
	199	0.2%	Grass clippings	Actual tons reported by the City. California turf Grass Culture Cooperative Extension University of California, Volume 46, Nos 1&2 1996. Average annual turf grass clipping weight 6.5 tons per acre per year. City parks mowable area is 30.65 acres. (30.65 acres @ 6.5 tons/acre= 199.23)	Mowable area data on file at City Hall.

Diversion Activity	Actual knts	Relative Percent to (At Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwnb.ca.gov/acecentral/parts/Codeis/reduce.htm					
Schools Grasscycling					
Golf Course Grasscycling	336	0.4%	Grass clippings	Actual tons reported by the City, California Turf Grass Culture Cooperative Extension University of California, Volume 46, Nos 1&2 1996; Average annual turf grass clipping weight 6.5 tons per acre per year. Schools mowable area is 51.7 acres. (51.7 acres @ 6.5 tons/acre =336.05)	Mowable area data on file at City Hall.
	115	0.1%	Grass clippings	Actual tons reported by the City, California Turf Grass Culture Cooperative Extension University of California, Volume 46, Nos 1&2 1996; Average annual turf grass clipping weight 6.5 tons per acre per year. Golf Course mowable area is 17.7 acres. (17.7 acres @ 6.5 tons/acre =115.05)	Mowable area data on file at City Hall.
Subtotal Non-Residential Source Reduction	1504	1.6%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (list operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwlmb.ca.gov/bcentral/parts/codes/reduce.htm	(A)	(A)Total Generation			
Recycling	2637	2.8%			
Non-Residential Waste Audits*					See Section 9
Other non-Residential recycling (list each program separately)					See Section 9
City Street Resurfacing Asphalt Recycling					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	6564	6.9%	Asphalt		Actual tonnage quantities obtained from the City Engineering Department. City street paving contracts specify recycling of asphalt. Several streets paved north & south of the Freeway 10 in 1999. Asphalt is taken to a City of Rosemead "Asphalt Recycled Through Cold Milling" Report on file at City Hall.
Enter program name					
Enter program name					
Composting	12	0.0%	Mixed Office Paper		Actual tons reported by Consolidated Disposal Service Inc.: "Mixed Paper Recycling City Hall" -1999 (Tonnage reflected in this line item is not included in non-residential recycling waste audits)
Enter program name					
Enter program name					
Non-Residential Waste Audits*	92.13	9.7%			
Other non-Residential composting (list each program separately)	62	0.1%			See Section 9
Contract Tree Arborist	200	0.2%	Tree trimmings		Actual tons reported to the City by Evans Tree Trimming Service. Tree trimmings are chipped and used on trails.
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	282	0.3%			
Enter program name					
Subtotal Non-Residential Diversion	10979	11.6%			
Residential/Non-Residential Diversion Activities ADC	4103	4.3%	Grass Clippings & Yard trimmings (Christmas trees not included)		Actual tonnage quantities obtained from the CIWMB disposal reporting system. Rosemead 1999
Sludge					
Scrap metal					
Construction and demolition	16	0.0%	Concrete, Asphalt & Brick		Actual tonnage quantities obtained from the Orange County Recycled Construction & Demolition Debris -Sept- Dec 1999. Information on file at City Hall
Landfill salvage	9136	9.6%	Beneficial Use/ Salvage		Actual tonnage Quantities the Los Angeles County Department of Public Works Environmental Programs Division 1999 Quarterly Reports
Subtotal Residential/Non-Residential diversion	13256	14.0%			
Total Res/Non-Res Source Reduction Tons	1504	1.8%			

Diversion Activity	Actual tons	Relative Parent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwnb.ca.gov/central/parts/codes/reduce.htm	(A)				
Total Diversion Tons	27435	28.9%			
Total Disposal Tons from Sec. 7	67369	71.1%			
Total Generation Tons (Div+Dis)	94804				
Diversion Rate		29%			

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Phone (P) Diversion Tons/Total Generation in Section 8)	Survey Method
Electric, Gas, and Sanitary Services	S6	OCC Reuse, OCC Reduction, Paper source reduction, toner cartridge return, furniture donation, wood recycling, metal recycling, paper and OCC recycling	605	700		1305.122	1.4%	o
Department Store	R5	Cardboard recycling, plastic recycling and reuse, wood recycling, metal recycling, office paper reuse	1	370		370.247	0.4%	o
Food Store	B4	Box reuse, Cardboard recycling	5	364		368.99	0.4%	o
Food Store	R2	Cardboard recycling, food donation, plastic recycling, meat rendering, produce waste composting, toner cartridge return	3	113	62	178.11	0.2%	o
Food Store	B6	Cardboard recycling, meat/oil rendering		150		150.433	0.2%	o
Wholesale Trade-mondurable goods	D1	Meat rendering, pallet recycling		98		97.908	0.1%	o
Miscellaneous Retail	S5	Paper recycling, cardboard recycling, toner cartridge return	0	94		93.991	0.1%	o
Wine and distilled beverages	G5	Pallet recycling and cardboard recycling		76		76.072	0.1%	o
Eating and drinking places	2	Grease rendering, cardboard recycling, office paper reuse, pallet recycling	0	64		64.143	0.1%	o
Educational Services	R9	Plastic and metal container reuse, grasscycling, grease rendering, cardboard recycling, mixed paper reuse and recycling, pallet recycling				63.581	0.1%	o
						Page 8	18	

	Totals	659.681	2046.716	62.2	2768.597	2.9%
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Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

S6 – Electric, Gas and Sanitary Services

- Reuse Uncoated corrugated cardboard: 7.500 tons Business Estimate based on number of boxes in the system
- Office supplies received without packaging: Weight estimate provided by business
- Paper source reduction/Manuals online: 51.975 tons Business estimate based on number of manuals, phone books, etc. produced prior to establishment of intranet site.
- Toner cartridge Return: 4.760 Quantity estimate provided by business; 2.5 pounds/cartridge US EPA
- Furniture and Office Supply Donation: 536.200 tons Weight estimate provided by business based on number and type of donations.
- Recycling Wood: 1.203 tons Business Estimate.
- Recycling ferrous metals new/expanded since 1990 only: 114.72 tons Business Estimate.
- Recycling miscellaneous paper: 583.760 tons. Business reported based on weight receipts. Includes office paper and cardboard.

R5 – Department Store

- Recycling Remainder/composite plastic: (* Plastic, hangers (w/metal hook) each=0.125) X 0.125lbs/unit X 2700Units/wk X 52.14 weeks/yr = 17,598.21 lb/yr; 8.799 tons
- Recycling Wood Waste: 4 pounds/year; 0.002 tons Business Estimate.
- Recycling Plastic bags: [6 bags/day * 50 gal/bag * .1556 cf/gal(dry) * 1cy/27 cf * 22.55 pounds/cubic yard (Tellus) * 360 days/year]/2000 lb/ton = 7.018 tons per year
- Recycling Uncoated corrugated cardboard: (OCC, bale (large) 1 cubic yard=900) X 900lbs/unit (USEPA)X 15units/wk X 52.14 = 703,928.57lb/yr; 351.96 tons
- Reuse Misc. plastic containers: (* Pounds=1) X 1lbs/unit (Bus. Est.) X 0.94units/wk X 52.14 = 49.01 lb/yr; 0.025 tons
- Recycling Metal: (Metal Fixtures @ 25lb/ea. Bus. Est.) X 1lbs/unit X 4.75units/wk X 52.14 weeks/year = 247.68 lb/yr; 0.124 tons
- Reuse Office white ledger: (* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit (USEPA)X 1.63units/wk X 52.14 weeks/year= 424.96lb/yr; 0.212 ton
- Recycling Durable plastic items: (* Plastic, bucket w/metal handle 5 gallons each=1.9 USEPA) X 1.9lbs/unit X 0.1units/wk X 52.14 weeks/year = 9.907 lb/yr; 0.005 ton
- Reuse Misc. plastic containers: (* Plastic, 1 gallon container - 0.42) X 0.42lbs/unit X 34.88units/wk X 52.14 weeks/yr = 763.872 lb/yr; 0.382 ton
- Recycling Remainder/composite plastic: Styrofoam kernels 1 cubic yard=6.27) X 6.27lbs/unit X 10.5units/wk X 52.14 weeks/yr = 3432.825 lb/yr; 1.716 tons

B4 – Food Stores

- Reuse Uncoated corrugated cardboard: (* OCC, box, medium 24"x24"x30" each=2.2 lb USEPA) X 2.2lbs/unit X 87units/wk X 52.14 = 9,980.14 lb/yr; 4.990 tons
- Recycling Uncoated corrugated cardboard: Average 7 tons/week (Business Estimate)* 52 weeks = 364 tons.

R2 - Food Stores

- Recycling Uncoated corrugated cardboard: 98.400 tons Processor provided weight.
- Food Donation: (* Bread, bulk 1 cubic foot=18 FEECO) X 18lbs/unit X 5.78units/wk X 52.14 weeks/yr = 5,424.94 lb/yr; 2.712 tons
- Plastic Recycling: 2.990 tons Processor provided weight.
- Meat Rendering: 11.800 tons Processor provided weight.
- Produce Waste Composting: 62.200 tons Processor provided weight
- Source reduction Remainder/composite plastic: (* Toner cartridge each=2.5 USEPA) X 2.5lbs/unit X 0.12units/wk X 52.14 weeks/yr = 15.64 lb/yr; 0.008 ton

B6 - Food Stores

- Recycling Uncoated corrugated cardboard: (OCC, bale (large) 1 cubic yard=900 pounds USEPA) X 900lbs/unit X 5.5units/wk X 52.14 weeks/yr = 258,107.14 lb/yr; 129.054 tons
- Recycling Food: [2 containers meat scraps* 55 gallon drum=410lbs USEPA) X 410lbs/unit X 2units/wk X 52.14 = 42,757.14 lb/yr; 21.379 tons

D1 – Wholesale Trade Non-durable goods

- Recycling Food: [2 containers meat scraps* 55 gallon drum=410lbs USEPA) X 410lbs/unit X 2units/wk X 52.14 = 42,757.14 lb/yr; 21.379 tons
- Recycling Food: [2 containers meat scraps* 55 gallon drum=410lbs USEPA) X 410lbs/unit X 2units/wk X 52.14 = 42,757.14 lb/yr; 21.379 tons

- Scavenging Wood pallets: Pallet, wood versus plastic average 48" x 48" wood each=40 lb USEPA) X 40lbs/unit X 23.26units/wk X 52.14 weeks/yr = 48,513.71 lb/yr; 24.257 tons

S5 – Miscellaneous Retail

- Recycling office paper: (* Shredded Paper 33 gallons=8lb USEPA) X 8lbs/unit X 0.6units/wk X 52.14 weeks/yr = 250.29 lb/yr; 0.125 ton
- Recycling Uncoated corrugated cardboard: (OCC, bale (large) 1 cubic yard=900 lb USEPA) X 900lbs/unit X 4units/wk X 52.14 weeks/yr = 187,714.29 lb/yr; 93.86 tons
- Toner cartridge return: (* Toner cartridge each=2.5 lb USEPA) X 2.5lbs/unit X 0.93units/wk X 52.14 weeks/yr = 121.23 lb/yr; 0.009 ton

G5 – Wine and Distilled Beverage

- Scavenging Wood pallets: [180 pallets/truck * 52/3 pickups/year * 40 pounds/pallet (USEPA)]/2000 pounds/ton = 62.4 tons
- Recycling Uncoated corrugated cardboard: [7 bins * 3 cubic yards/bin * 50.08 pounds cardboard/cubic yard (Tellus) * 52/2 weeks/year]/2000 = 13.67 tons

2 – Eating and Drinking Places

- Recycling Food: (* Fats, solid/liquid (cooking oil) 1 gallon=7.45 lb USEPA) X 7.45lbs/unit X 300units/wk X 52.14 weeks/yr = 116,539.29 lb/yr; 58.270 tons
- Recycling Uncoated corrugated cardboard: (* OCC, flattened boxes, loose 1 cubic yard=50.08 lb Tellus) X 50.08lbs/unit X 3.6units/wk X 52.14 weeks/yr = 9,400.73 lb/yr; 4.700 tons
- Reuse Office white ledger: (* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5 lb USEPA) X 5lbs/unit X 1units/wk X 52.14 = 260.71 lb/yr; 0.130 ton
- Recycling Wood pallets: (* Pallet, wood versus plastic average 48" x 48" wood each=40 lb USEPA) X 40lbs/unit X 1units/wk X 52.14 weeks/yr = 2085.71 lb/yr; 1.04 tons

R9 – Educational Services

- Reuse Durable plastic items: (* Plastic, bucket w/metal handle 5 gallons each=1.9 X 1.9lbs/unit X 1.15units/wk X 52.14 weeks/yr= 113.93 lb/yr; 0.057 ton
- Source reduction Leaves and grass: California Turf Grass Study (Grasscycling (source reduction) 1 acre -- 6.5 tons per acre per year=250) X 250lbs/unit X 7units/wk X 52.14 weeks/yr = 91,250 lb/yr; 45.63 tons
- Recycling Food: Fats, solid/liquid (cooking oil) 55 gallon drum=410 lb USEPA) X 410lbs/unit X 0.05units/wk X 52.14 weeks/yr = 1,068.93 lb/yr; 0.534 ton
- Reuse Misc. plastic containers: (* Plastic, 1 gallon container - mayo 1 gallon each=0.42 lb USEPA) X 0.42lbs/unit X 2units/wk X 52.14 weeks/yr = 43.8 lb/yr; 0.022 ton
- Recycling Uncoated corrugated cardboard: (* OCC, flattened boxes, loose 1 cubic yard=50.08 lb Tellus) X 50.08lbs/unit X 3units/wk X 52.14 weeks/yr= 7,833.94 lb/yr; 3.917 tons
- Recycling office paper: (* Office Paper (white, color, CPO, junk mail) 55 gallon=42.35 lb USEPA) X 42.35lbs/unit X 0.135units/wk X 52.14 weeks/yr= 298.11 lb/yr; 0.149 ton
- Recycling Magazines and catalogs: (* Magazines, 8.5" x 11" 10 units=3 lb USEPA) X 3lbs/unit X 16.67units/wk X 52.14 weeks/yr = 2,607.66 lb/yr; 1.304 tons
- Scavenging Wood pallets: (* Pallet, wood versus plastic average 48" x 48" wood each=40 lb USEPA) X 40lbs/unit X 2.33units/wk X 52.14 weeks/yr= 4,859.71 lb/yr; 2.430 tons
- Recycling Office white ledger: (* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5 lb USEPA) X 5lbs/unit X 2.33units/wk X 52.14 weeks/yr = 607.46 lb/yr; 0.304 ton
- Recycling Newspaper: (* Newspapers each=1 lb audit weight) X 1lbs/unit X 350units/wk X 52.14 weeks/yr = 18,250 lb/yr; 9.125 tons
- Recycling Phone books and directories: (* Phone book each=4 lb USEPA) X 4lbs/unit X 0.38units/wk X 52.14 weeks/yr = 79.26lb/yr; 0.040 ton
- Reuse Office white ledger: (* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5 lb USEPA) X 5lbs/unit X 0.47units/wk X 52.14 weeks/yr= 122.54 lb/yr; 0.061 ton
- Reuse Film plastic: (* Pounds=1 bus estimate) X 1lbs/unit X 0.19units/wk X 52.14 weeks/yr = 9.91 lb/yr; 0.005 ton
- Reuse Misc. plastic containers: (Plastic, beverage 5 gal. 5 gallons each=0.94 lb audit weight) X 0.94lbs/unit X 0.33units/wk X 52.14 weeks/yr = 16.17 lb/yr; 0.008 ton

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
White Goods	Bulky Item Pick Up & Code enforcement Program	1991	19
Inert Solids	Construction and Demolition	1998	16
Inert Solids	Asphalt Pavement Recycling (Valley Boulevard)	1999	6564
Scrap Metal	Portion of curbside bulky item collection program	1991	<666
Inert Solids	Landfill Salvage	1995	9136
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (*Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

Addendum A

Response to Section II-3 continued...

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

...The City relies on the accuracy of the disposal data collected by the Board to be representative of the City's disposal record.

The diversion tonnages presented in this report represent results of actual data obtained through on-site visits and interviews with the commercial sector businesses and educational institutions. Consultants for the City conducted 198 on-site interviews between March and September of 2000. The intent for conducting the surveys in was threefold:

1. To provide businesses technical assistance on how to incorporate waste reduction and recycling into their business operations.
2. To assess the need for a citywide commercial sector waste reduction and recycling program.
3. To quantify and evaluate diversion activities that was practiced in 1999.

Surveyors asked specific questions relating to diversion and disposal practices in 1999 and in 2000. Survey results represented in this report reflect data and information collected of the 1999 calendar year.

Copies of the actual survey forms waste diverters are included as an attachment to this addendum.

Response to Section II-6 continued...

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

...In 1998 the City realized that diversion and disposal due to self-haul had not been accounted for in the 1990 base year generation. Accordingly in August of 1998, the Board revised the 1990 base year generation quantity to include the missed self haul and ultimately concluded that "... a diversion rate cannot be accurately determined due to inaccurate base year data..." At that time the City took the initiative to actively pursue more diversion activities. The City requested the waste hauler to expand the residential curbside recycling program and offer school presentations and workshops on recycling and source reduction. The hauler did expand the curbside recycling program and conducted school recycling presentations. Also, the City informally requested the waste

hauler to voluntarily provide recycling services to businesses. In addition to increasing the City's waste diversion activities, the City also initiated a strategy to better understand the current waste disposal and diversion activities in the City. In December 1999 the City hired a consultant to conduct waste generation surveys of local businesses and schools. During those surveys, technical assistance on recycling and waste reduction methods was offered to the businesses and schools. The results of those surveys indicated that the City had the potential to achieve additional diversion through the implementation of a formalized mandatory recycling program for commercial businesses and restaurants. The results of those surveys also indicated that the 1990 base year did not include grasscycling that had been practiced at schools, city parks and the local golf course. The survey also identified a larger number of businesses that practiced recycling in 1999 than in 1990.

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Attachment 2B

Attachment 9 - City of Rosemead 2000 New Base Year Business Surveys (All)

REF#	Business Type	Address	Business ID	Business Name	RC	EMP	TONS OF WASTE	SOURCE	TONS	TONS/UNIT	TOTAL
1	5200-Building materials & garden supplies	Recycling Other	4		72.479	Other	1lbs/unit		0.036		(Plastic Trays reused @ 0.2 lb/tray) X 1lbs/unit X .39units/wk X 52.1428571428571 = 72.4785714285714 lb/yr
	5200-Building materials & garden supplies	Recycling Wood pallets			7.988.286	Pallets	40lbs/unit	USEPA	3.994	4.030	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 3.83units/wk X 52.1428571428571 = 7988.28571428571 lb/yr
2	5800-Eating and drinking places	Recycling Food	75		116.539.286	Organic	7.45lbs/unit	USEPA	58.270		(* Fats, solid/liquid cooking oil) 1 gallon=7.45 X 7.45lbs/unit X 300units/wk X 52.1428571428571 = 116539.28571428571 lb/yr
	5800-Eating and drinking places	Recycling Uncoated corrugated cardboard			9,400.731	Paper	50.08lbs/unit	Tallus	4.700		(* OCC, flattened boxes, loose 1 cubic yard=.50 lb) X 50.08lbs/unit X 3.6units/wk X 52.1428571428571 = 9400.73142857143 lb/yr
	5800-Eating and drinking places	Reuse Office white ledger	280.714			Paper	5lbs/unit	USEPA	0.130		(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 1units/wk X 52.1428571428571 = 260.7142857142856 lb/yr
	5800-Eating and drinking places	Recycling Wood pallets			2,085.714	Pallets	40lbs/unit	USEPA	1.043		(* Plastic, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 1units/wk X 52.1428571428571 = 264.1432085.71428571429 lb/yr
A10	3400-Fabricated metal products	Scavenging Other ferrous metals new/expanded only	6		0.000	Metal	1lbs/unit		0.000		(* Found=1) X 1lbs/unit X 19.7units/wk X 52.1428571428571 = 116.27units/wk X 52.1428571428571 = 6062.65 lb/yr
	3400-Fabricated metal products	Reuse Other ferrous metals new/expanded only			0.000	Metal	1lbs/unit		0.000		(* Found=1) X 1lbs/unit X 19.7units/wk X 52.1428571428571 = 116.27units/wk X 52.1428571428571 = 6062.65 lb/yr
A02	7300-Business services	Reuse Uncoated corrugated cardboard	3		630.929	Paper	2.21lbs/unit	USEPA	0.315		(* Box, medium 24"x24"x30" each=.22) X 2.21lbs/unit X 5.5units/wk X 52.1428571428571 = 630.928571428572 lb/yr
	7300-Business services	Reuse Wood pallets			5,214.286	Pallets	40lbs/unit/5	USEPA	2.607		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 12.5units/wk X 52.1428571428571 = 5214.28571428571 lb/yr
	7300-Business services	Reuse Office white ledger			59.964	Paper	5lbs/unit		0.030		(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.23units/wk X 52.1428571428571 = 2.953.59.96428571428571 lb/yr
A03	7300-Business services	Recycling Other	12			Other	1lbs/unit		0.000		

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

REF#	Business Type	Impacts	SR	RC	PC	CS	Connections Factor	SOURCE	Units	Total
A04	3500-Industrial machinery and equipment	5		0.000			Metal	1lbs/unit	0.000	
	Recycling Other ferrous metals new/expanded only						Pallets	40lbs/unit/5		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 0.57units/wk X 52.1428571428571 = 9599.5 lb/yr
	Reuse Wood pallets	237.771					Paper	1lbs/unit	0.119	(* Pounds=1) X 1lbs/unit X 184.1 units/wk X 52.1428571428571 = 237.771428571428571
	Reuse Uncoated corrugated cardboard	302.950					Plastic	1lbs/unit	0.151	(* Pounds=1) X 1lbs/unit X 5.81 units/wk X 52.1428571428571 = 302.95 lb/yr
	3500-Industrial machinery and equipment			60.486			Other	1lbs/unit	0.030	(* Pounds=1) X 1lbs/unit X 1.16units/wk X 52.1428571428571 = 60.48571428571428571
	3500-Industrial machinery and equipment			5			Paper	1lbs/unit	0.000	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 1.15units/wk X 52.1428571428571 = 52.1428571428571
	3500-Industrial machinery and equipment			40			Pallets	40lbs/unit	0.150	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 40lbs/unit X 46.5units/wk X 52.1428571428571 = 48.493196985.7142857143 lb/yr
A05	3900-Miscellaneous manufacturing industries						Paper	2.2lbs/unit	0.402	(* OCC, box, medium 24" x 24" x 30" each=2-2) X 2.2lbs/unit X 7units/wk X 52.1428571428571 = 803 lb/yr
	8700-Engineering & management services			299.821			Plastic	3lbs/unit	0.033	(* Plastic, bubble wrap 33 gallons=3) X 3lbs/unit X 0.416units/wk X 52.1428571428571 = 65.0742857142857 lb/yr
	5000-Wholesale trade-durable goods			96.985.714			Pallets	5lbs/unit	0.005	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.04units/wk X 52.1428571428571 = 50lbs/unit X 18.46units/wk X 52.1428571428571 = 48127.8571428572 lb/yr
	Scavenging Wood pallets	5					Paper	50lbs/unit	24.064	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 410bs/unit X 0.18units/wk X 0.18units/wk X 52.1428571428571 = 31.36452.1428571428571 = 14600 lb/yr
	Reuse Uncoated corrugated cardboard	803.000					Pallets	40lbs/unit	7.300	(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 410lbs/unit X 0.18units/wk X 52.1428571428571 = 3848.142857142856 lb/yr
	3600-Electronic & other electric equipment			65.074			Paper	48.127.857		
	3600-Electronic & other electric equipment			10.429						
	7500-Auto repair services, and parking	6.5								
	7500-Auto repair, services, and parking			14,600.000						
	Scavenging Wood pallets									
A09	7500-Auto repair services, and parking									
	5800-Eating and drinking places	16.5		3.848.143						
	Recycling Food									

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Category	Sub-Category	Item	Quantity	Source	Unit	Cost	Unit Cost	Total
Bus Trip	Autobus	SP	259	SP	PC	260.714	0.130	34,359.00
5800-Eating and drinking places	Reuse Food	Recycling Clear glass bottles and containers	375,429	Organic	1lbs/unit	0.188	0.188	70,000.00
5800-Eating and drinking places	Reuse Wood pallets	Reuse Magazines and catalogs	77.5	Glass	0.6lbs/unit	0.834	0.834	63.885.00
B2	7900-Amusement & recreation services	Reuse Uncouated corrugated cardboard	26,384	Pallets	40lbs/unit/5	USEPA	0.155	3,981.00
7900-Amusement & recreation services	Reuse Magazines and catalogs	Reuse Other	1,598,743	Paper	3lbs/unit	USEPA	0.013	20,781.00
7900-Amusement & recreation services	Reuse Other	Reuse Other	1,598,743	Paper	2.2lbs/unit	USEPA	0.800	1,278,564.00
B3	5200-Building materials & garden supplies	Scavenging Wood pallets	43	Pallets	40lbs/unit	USEPA	0.00	0.00
B4	5400-Food stores	Scavenging Plastic pallets	40	Pallets	40lbs/unit	USEPA	0.00	0.00
5400-Food stores	Reuse Magazines and catalogs	Reuse Newspaper	1,564,286	Paper	3lbs/unit	USEPA	0.00	4,692.00
5400-Food stores	Reuse Newspaper	Source reduction Uncoated corrugated cardboard	1,495,000	Paper	1lbs/unit	Orig. audit wks.	6,548-0.00	9,880.00
5400-Food stores	Recycling Uncoated corrugated cardboard	Source reduction Uncoated corrugated cardboard	9,980,143	Paper	2.2lbs/unit	USEPA	4,990	48,513.00
5400-Food stores	Scavenging Wood pallets	Scavenging Wood pallets	728,900,000	Paper	900lbs/unit	USEPA	364.00	266,990.00

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Ref	Type	Ac Desc	Temp	FC	Class	Constituent	Source	Units	Total
BS	5600-Apparel and accessory stores	Reuse Textiles	3.5	59.964		Organic	1lbs/unit	0.030	0.030
B6	5400-Food stores	Recycling Uncoated corrugated cardboard	45	258.107.143	Paper	900lbs/unit	USEPA	129.054	1.15gms/wk X .52.1428571428571 = 0.030 .59.964/28571428571 Ib/yr
	Scavenging Wood pallets			445.960.000	Pallets	40lbs/unit	USEPA	73.000	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 70/units/wk X 5.5-units/wk X .52.1428571428571 = 258107.142857143 Ib/yr
	Recycling Food			42,757.143	Organic	410lbs/unit	USEPA	21.379	(* Fats, solid/liquid (cooking oil) 55 gallon drum=41) X 410lbs/unit X 2units/wk X .52.1428571428571 = 15D.433 42757.1428571429 Ib/yr
	Source reduction			9.907	Plastic	2.5lbs/unit	USEPA	0.005	(* Toner cartridge each=2.5) X 2.5lbs/unit X 0.076units/wk X 9.907/1428571428571 = 0.005
B7	3100-Leather and leather products	Reuse Office white ledger	5	119.929	Paper	5lbs/unit	USEPA	0.060	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.065 119.929/571428571 Ib/yr
	Recycling Other			0.000	Other	1lbs/unit		0.000	(* Pounds=1) X 1lbs/unit X 0.25units/wk X .52.1428571428571 = 0.006
	Reuse Uncoated corrugated cardboard		3	11.993	Paper	1lbs/unit		0.006	11.993/28571428571 Ib/yr
	Scavenging Durable plastic items			6.517.657	Plastic	1lbs/unit		3.259	(* Pounds=1) X 1lbs/unit X 125units/wk X .52.1428571428571 = 6517.357/1428571428571 Ib/yr
C1	5900-Miscellaneous retail	Scavenging Wood pallets		15,642.857	Pallets	40lbs/unit	USEPA	7.821	15642.857/1428571 Ib/yr
	Scavenging Uncoated corrugated cardboard			302.429	Paper	50lbs/unit	USEPA	0.151	(* Pounds=1) X 1lbs/unit X 40lbs/unit X 0.116units/wk X .52.1428571428571 = 302.42857/1428571 Ib/yr
	Recycling Other ferrous metals new/expended only			0.000	Metal	1lbs/unit		0.000	1955.57142857143 Ib/yr
	Recycling Other ferrous metals new/expended only			0.000	Metal	1lbs/unit		0.000	1162.79units/wk X .52.1428571428571 = 52.1428571428571 Ib/yr
	Reuse Uncoated corrugated cardboard			60.486	Paper	1lbs/unit		0.030	(* Pounds=1) X 1lbs/unit X 1.16units/wk X .52.142857143 Ib/yr
	5900-Miscellaneous retail			5900-Miscellaneous retail					60.487/142857143 Ib/yr
C2	7500-Auto repair services, and parking			5900-Miscellaneous retail					

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Category	Description	RC	C1	C2	Conversion factor	SOURCE	Divsions	TOTAL
C3 8000-Health services	Reuse Wood pallets	125	95.943		Pallets	40lbs/unit/5	USEPA	0.048
	Recycling Other non-ferrous metals new/expended only		0.000		Metal	1lbs/unit		0.000
	Recycling Office white ledger		100.836		Paper	1lbs/unit		0.050
8000-Health services	Recycling Food		769.159		Organic	7.45lbs/unit	USEPA	0.385
	Reuse Durable plastic items		247.679		Plastic	1.9lbs/unit	USEPA	0.124
8000-Health services	Recycling Other non-ferrous metals new/expended only	3	0.000		Metal	424lbs/unit	Tellus	0.000
3200-Stone, clay, and glass products	Recycling Wood pallets		969.857		Pallets	40lbs/unit	USEPA	0.485
C4	Reuse Remainder/composite plastic	5	51.621		Plastic	3lbs/unit	USEPA	0.026
3200-Stone, clay, and glass products	Reuse Uncoated corrugated cardboard		1,433.929		Paper	2.2lbs/unit	USEPA	0.717
7500-Auto repair services, and parking	Recycling Office white ledger	45.5	249.764		Paper	5lbs/unit	USEPA	0.125
7300-Business services	Recycling Office white ledger		3,999.879		Paper	1lbs/unit		2.000
								2.125

(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 0.23units/wk X 52.1428571428571 = 95.9428571428571 X Pounds=1) X 1lbs/unit X 28.77units/wk X 52.1428571428571 = 150.15 lbs/yr

(* Pounds=1) X 1lbs/unit X 1.93units/wk X 52.1428571428571 = 100.63571428571428571

(* Pallet, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 1.98units/wk X 52.1428571428571 = 768.159285714286 lbs/yr

(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 2.5units/wk X 52.1428571428571 = 0.60724.776871428571428571

(* Plastic, cubed 1 cubic yard=424) X 424lbs/unit X 0.077units/wk X 52.1428571428571 = 1702.36 lbs/yr

(* Plastic, bubble wrap 33 gallons=3) X 3lbs/unit X 0.33units/wk X 52.1428571428571 = 51.6214285714286 lbs/yr

(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 12.5units/wk X 52.1428571428571 = 1433.928571428571

(* White Ledger #40, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.958units/wk X 52.1428571428571 = 249.764285714286 lbs/yr

(* Pounds=1) X 1lbs/unit X 76.71units/wk X 52.1428571428571 = 3999.879571428571

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

#	Business Type	Address	Phone	Category	Class	Covers	Divs	Total	Date
C7	1700+Special trade contractors	20	7,199.886		Pallets	40lbs/unit/5	USEPA	3,600	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 17.26units/wk X 52.1428571428571 = 3,600.7199.88571428571 lb/yr
C8	5800+ Eating and drinking places	32.5	11,471.429	Scavenging Wood pallets	Pallets	40lbs/unit	USEPA	5,736	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 5.5units/wk X 52.1428571428571 = 11,471.4285714286 lb/yr
C9	5800+ Eating and drinking places	2	13,549.634	Recycling Food	Organic	7.45lbs/unit	USEPA	6,775	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 34.88units/wk X 52.1428571 OCCL box, small 12"X12"X15" each=1.1) X 1.10bs/unit X 10units/wk X 52.1428571428571 = 12,511 = 13549.63428571428571 lb/yr
C10	7300+Business services			Scavenging Uncoated corrugated cardboard	Paper	1.1lbs/unit	USEPA	0.287	(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 41.0lbs/unit X 1units/wk X 32.1428571429 = 573.571428571429 lb/yr
C11	7500+Auto repair, Services and parking			Recycling Food	Organic	410lbs/unit	USEPA	10,639	(* Plastic, 1 gallon HDPE jug 1 gallon each=0.33) X 0.33lbs/unit X 200units/wk X 52.1428571428571 = 21378.571428571429 lb/yr
C12	5800+ Eating and drinking places			Recycling HDPE containers	Plastic	0.33lbs/unit	USEPA	0.172	(* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=5) X 5lbs/unit X 0.23units/wk X 52.1428571428571 = 11,148.344.1428571428571 lb/yr
C13	5800+ Eating and drinking places			Recycling HOPE containers	Paper	5lbs/unit	USEPA	0.030	(* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=5) X 5lbs/unit X 0.23units/wk X 52.1428571428571 = 0.030.59.395428571428571 lb/yr
C14	5800+ Eating and drinking places			Recycling HOPE containers	Other	11lbs/unit		0.000	(* Pounds=1) X 11lbs/unit X 3.98units/wk X 52.1428571428571 = 207.3285714285711 lb/yr
C15	5800+ Eating and drinking places			Recycling HOPE containers	Plastic	1lbs/unit		0.104	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 93.395units/wk X 52.1428571428571 = 364.96.21.96428571 lb/yr
C16	5800+ Eating and drinking places			Recycling Food	Organic	7.45lbs/unit	USEPA	18,248	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 2units/wk X 52.1428571428571 = 151.21.214285714286 lb/yr
C17	5800+ Eating and drinking places			Reuse Wood pallets	Pallets	40lbs/unit/5	USEPA	0.417	(* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=5) X 5lbs/unit X 0.58units/wk X 52.1428571428571 = 151.21.214285714286 lb/yr
C18	5800+ Eating and drinking places			Reuse Office white ledger	Paper	5lbs/unit	USEPA	0.076	

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Item	Description	Unit	Quantity	Source	Unit Cost	Total
		CMP				
5800-Eating and drinking places						
5800-Miscellaneous retail						
C13	Reuse Uncolated corrugated cardboard	Paper	2.2lbs/unit	USEPA	0.027	
	Scavenging Durable plastic Items	Plastic	1lbs/unit			
	Reuse Office white ledger	Paper	5lbs/unit	USEPA	0.008	
	Scavenging Uncolated corrugated cardboard	Paper	2.2lbs/unit	USEPA	0.008	
C14	5500-Automotive dealers & service stations	Paper	1.720.714	Orig. audit wks.	0.183	
	Recycling Newspaper	Paper	1lbs/unit			
	7500-Auto repair, services, and parking	Other	119.929			
	Recycling Other	Paper	5lbs/unit	USEPA	0.030	
	7500-Auto repair, services, and parking	Paper	2.2lbs/unit	USEPA	0.287	
	Reuse Office white ledger	Paper	1.9lbs/unit	USEPA	0.057	
	Reuse Uncolated corrugated cardboard	Plastic	1.9lbs/unit	UCLA/rs	0.409	
C15	5400-Food stores	Plastic	1.9lbs/unit	USEPA	0.043	
	7542-Canvases	Paper	5lbs/unit			
	7542-Canvases	Plastic	1lbs/unit			
C16	5100-Wholesale trade-nondurable goods	Paper	1lbs/unit			
	Reuse Durable plastic items	Plastic	8.8.121			
	Reuse Office white ledger	Paper	1lbs/unit			
	Recycling Food	Organic	12.5			
D1	439.467.448					
	1.47.301.943					
C18	6520-Retail estate					
	Reuse Durable plastic items					
	Reuse Office white ledger					
	Recycling Food					
	65-178					
	73.651					

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REF#	Business Type	Address	#emp	SP	BC	Office	Class	Conversion Factor	Sales	Units	Total	Cost
D1	5100-Wholesale trade-nondurable goods	Scavenging Wood pallets	48,513,714			Pallets	40lbs/unit	USEPA,	24,297		90,446	(^X Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 23.26units/wk X 52.1428571428571 = 97,908
D2	5300-General merchandise stores	Recycling Uncoated corrugated cardboard	5,75			Paper	2.2lbs/unit	USEPA,	3,441		3,441	(^X OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 60units/wk X 52.1428571428571 = 6,882,857
D3	8200-Educational services	Reuse Prunings and trimmings	40			Organic	108lbs/unit	USEPA,	11,263		11,263	(^X Yard trimm's, mixed 1' GUBC yard=108) X 108lbs/unit X 4units/wk X 52.1428571428571 = 22325.7142857143 lb/yr
D4	8700-Engineering & management services	Reuse Office white ledger	2,5			Paper	5lbs/unit	USEPA,	0.180		11,443	(^X White Ledger #20, 8.5" x 11" 1 ram (500 sheets)=5) X 5lbs/unit X 1.38units/wk X 52.1428571428571 = 359,785.7142857143 lb/yr
D5	2700-Printing and publishing	Reuse Uncoated corrugated cardboard	4			Paper	5lbs/unit	USEPA,	0.002		0.002	(^X White Ledger #20, 8.5" x 11" 1 ram (500 sheets)=5) X 5lbs/unit X 0.002 = 4,953.571428571428571
D6	5411-Grocery Stores	Recycling Other ferrous metals new/expended only				Metal	1lbs/unit	USEPA,	14,339		14,339	(^X OCC w/ W/w X 52.1428571428571 = 46.5units/wk X 52.1428571428571 = 2878.57142857143 lb/yr
D7	5812-Eating places	Recycling Other	36,5			Other	1lbs/unit		5,214		5,214	(^X Pounds=1) X 1lbs/unit X 200units/wk X 52.1428571428571 = 10,428.571
		Recycling Uncoated corrugated cardboard				Other	1lbs/unit		2,607		2,607	(^X Wood Boxes returned) X 1lbs/unit X 100units/wk X 52.1428571428571 = 5214.28571428571 lb/yr
		Reuse HDPE containers	44			Paper	1lbs/unit		20,857		20,857	(^X Pounds=1) X 1lbs/unit X 800units/wk X 52.1428571428571 = 28,679.471428571428571
		Recycling Wood pallets				Plastic	0.33lbs/unit	USEPA,	0.060		0.060	(^X Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 4.5units/wk X 52.1428571428571 = 9385.71428571428571

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

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REF#	Business Name	Address	City	State	Phone	Comments/Factor	SOURCE	Div Wt.	TOTAL
4783-Packing and Crating	Reuse Tires	3,629.143		CA	USEPA	1.815			
4783-Packing and Crating	Source reduction HDPE containers	59.881		CA	Plastic	0.33lbs/unit	USEPA	0.030	
4783-Packing and Crating	Reuse Office white ledger	1,272.286		CA	Paper	5lbs/unit	USEPA	0.636	
4783-Packing and Crating	Reuse Batteries	4,344,000.00		CA	HHW	35lbs/unit	USEPA corr.	2.117 0.00	
4783-Packing and Crating	Recycling Other office paper			CA	Paper	363.51lbs/unit	CWMB Density Tables	0.540	
E1	6081-Banches and Agencies of Foreign Banks	604.857		CA	Paper	5lbs/unit	USEPA	0.302	
E3	8211-Elementary and Secondary Schools	10.5		CA	Paper	50lbs/unit	USEPA	1.955	
E4	8211-Elementary and Secondary Schools	50		CA	Paper	5lbs/unit	USEPA	0.261	
E4	8211-Elementary and Secondary Schools	521.429		CA	Paper	5lbs/unit	USEPA	0.261	
E4	8211-Elementary and Secondary Schools	45		CA	Plastic	1.9lbs/unit	USEPA	0.003	
E4	8211-Elementary and Secondary Schools	6,935		CA	Other	1lbs/unit		0.125	
E4	8211-Elementary and Secondary Schools	249.764		CA	Paper	2.2lbs/unit	USEPA	1.319	
E4	8211-Elementary and Secondary Schools	2,638.429		CA	Paper	5lbs/unit	USEPA	0.521	
	Scavenging Uncoated corrugated cardboard	1,042.857		CA	Paper				
	Reuse Office white ledger			CA					

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REF#	Business Type	Business Name	Address	Phone	Employees	Revenue	Conversion Factor	Source	Quantity	Unit	Total
E5	2386-Leather and sheep-lined clothing	Recycling Other	3		0.000		1lbs/unit	Other			0.000
E6	2300-Apparel and other textile products	Recycling Uncoated corrugated cardboard	20		3,154.643		Paper	2.2lbs/unit	USEPA	1.577	1,577.13164.6428571428571 =
E7	5100-Wholesale trade-nondurable goods	Recycling Uncoated corrugated cardboard	25		5,735.714		Paper	1.1lbs/unit	USEPA	2.888	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 27.5units/wk X 52.1428571428571 =
F1	5300-General merchandise stores	Reuse Wood pallets			8,342.857		Pallets	40lbs/unit/5	USEPA	4.171	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 100units/wk X 52.1428571428571 =
F2	6022-State Commercial Banks	Reuse Remainder/composite plastic	15.5		10,038		Plastic	2.5lbs/unit	USEPA	0.005	52.1428571428571 = 10.0375 lb/yr
F3	5015-Motor vehicle parts, used	Recycling Uncoated corrugated cardboard	48		1,376.571		Paper	2.2lbs/unit	USEPA	0.688	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 12units/wk X 52.1428571428571 =
F4	7216-Drycleaning plants, except rug	Recycling Office white ledger			4,499.929		Paper	5lbs/unit	USEPA	2.250	(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 17.25units/wk X 52.1428571428571 = 4409.929571428571 lb/yr
F5	2300-Apparel and other textile products	Reuse Uncoated corrugated cardboard	15		1,147.143		Paper	4lbs/unit	USEPA	0.014	2.952.1428571428571 =
	2300-Apparel and other textile products	Recycling Phone books and directories			27.114		Paper	1.1lbs/unit	USEPA	0.574	(* OCC, box, medium 12"x12"x15" each=1.1) X 1.1lbs/unit X 20units/wk X 52.1428571428571 =
	2300-Apparel and other textile products	Reuse Uncoated corrugated cardboard	1		0.000		Metal	1lbs/unit	Other	0.000	(* Pounds=1) X 1lbs/unit X 15.3units/wk X 52.1428571428571 =
	5015-Motor vehicle parts, used	Recycling Other ferrous metals new/expended only			0.000		Paper	2.2lbs/unit	USEPA	0.574	0.574.797.78571428571 lb/yr
	7216-Drycleaning plants, except rug	Recycling Other	3		0.000		Organic	1lbs/unit		0.078	(* Pounds=1) X 1lbs/unit X 3units/wk X 52.1428571428571 =
	2300-Apparel and other textile products	Reuse Textiles			156.429		Paper	2.2lbs/unit		1.147	156.428571428571428571 =
	2300-Apparel and other textile products	Scavenging Uncoated corrugated cardboard			2,284.296						1.799.2294.285714285711 lb/yr

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Business Type	Business ID	Description	Quantity	Source	Unit	Units	Total	Comments
5182-Wine and distilled beverages		Recycling Uncoated corrugated cardboard	36,400,000 27,313.68	Paper	50lbs/unit	USEPA	496,398.50 76,072.52	(* OCC, stacked 1 cubic yard=50) X (" Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X .52 1.128571428571 = 36500 lb/yr
G6	5341-Sporting goods and bicycle shops	Scavenging Wood pallets	3.5	Pallets	40lbs/unit	USEPA	1210	52.1428571428571 = 1,210 2419.428571428571 lb/yr
G7	2752-Commercial printing, lithographic	Reuse Uncoated corrugated cardboard	1,333,783	Pallets	40lbs/unit	USEPA	1,272.52 1,162.71	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X .58 1.128571428571 = 52.1428571428571 = 1209.71428571428571 lb/yr
G8	3069-Fabricated rubber products, n.e.c.	Reuse Uncoated corrugated cardboard	430,179	Paper	2.2lbs/unit	USEPA	953.78 867.71	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 11.627units/wk X .52 1.128571428571 = 1,272.52 1.128571428571 = 1333.783 lb/yr
G9	3069-Fabricated rubber products, n.e.c.	Recycling Uncoated corrugated cardboard	2,182,700	Paper	1.1lbs/unit	USEPA	2,306.32 2,182.71	(* OCC, box, small 12"X12"x15" each=1.1) X 1.1lbs/unit X 7.5units/wk X .52 1.128571428571 = 130.1785714285712 lb/yr
G10	3577-Computer peripheral equipment, n.e.c.	Recycling Wood pallets	10	Pallets	40lbs/unit	USEPA	0.000 0.000	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X .52 1.128571428571 = 52.1428571428571 = 250.28571428571428571 lb/yr
G9	5499-Miscellaneous Food Stores	Reuse Uncoated corrugated cardboard	5,335,361	Pallets	40lbs/unit	USEPA	0.125 0.125	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X .52 1.128571428571 = 52.1428571428571 = 250.28571428571428571 lb/yr
G10	3577-Computer peripheral equipment, n.e.c.	Reuse Office white ledger	1,137,267	Paper	2.2lbs/unit	USEPA	2,668 2,668	(* White Ledger w/o CPO, loose 1 cubic yard=.363.51) X 363.51lbs/unit X 0.06units/wk X .52 1.128571428571 = 5335.361428571428571 lb/yr
G11	7538-General automotive repair shops	Recycling Tires	12	Special Wastes	20lbs/unit	USEPA	24.252 0.00	(* Tire, car each=20) X 20lbs/unit X 46.61units/wk X .52 1.128571428571 = 46503.28571428571 lb/yr
	7539-General automotive repair shops	Recycling Other ferrous metals new/expended only	0.000	Metal	226.5lbs/unit	USEPA	0.000 0.000	(* Metal scrap 55 gallon=226.5) X 226.5lbs/unit X .52 1.128571428571 = 5432.76428571429 lb/yr

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Category	Item Description	Quantity	Unit	Source	Wt/ton	Total
8211-Colleges, Universities and Professional Schools	Reuse Durable plastic items	34,477	Plastic	1.9lbs/unit	USEPA	0.017
H7	7300-Business services	75,607	Plastic	2.5lbs/unit	USEPA	0.038
H8	2033-Canned fruits and vegetables	260,714	Paper	1lbs/unit	Orig. audit wts.	0.130
	Reuse Newspaper	12	Paper	1lbs/unit	Orig. audit wts.	0.060
	Reuse Newspaper	22	Paper	1lbs/unit	Orig. audit wts.	0.060
	Reuse Wood pallets	3,986,229	Pallets	40lbs/unit/5	USEPA	1.998
	Recycling Office white ledger	499,529	Paper	1lbs/unit		0.250
	Recycling Uncoated corrugated cardboard	1,499,629	Paper	1lbs/unit		0.750
	2033-Canned fruits and vegetables	3,962,857	Pallets	40lbs/unit	USEPA	1.981
	2033-Canned fruits and vegetables	499,529	Paper	1lbs/unit		0.250
	Recycling Wood pallets	3,962,857	Pallets	40lbs/unit	USEPA	1.981
	Reuse Remainder/composite organic	6.5	Organic	1.9lbs/unit	LA Study	0.190
H9	5139-Footwear	380,434	Paper	1.1lbs/unit	USEPA	0.054
	Reuse Uncoated corrugated cardboard	108,979	Paper	1.1lbs/unit	USEPA	0.054
	Recycling Uncoated corrugated cardboard	108,979	Paper	1.1lbs/unit	USEPA	0.054
I1	5139-Footwear	2	Paper	5lbs/unit	USEPA	0.025
I1	5511-Motor Vehicle Dealers (New and Used)	49,536	Paper	8lbs/unit	USEPA	0.751
I2	1521-G-General Contractors Single-Family House	50	Paper	8lbs/unit	USEPA	

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Item	Business Type	Category	Sub-Cat	Temp	SR	Prod	Op	Env	Class	Construction	SOURCE	Units	Total	Cost
1521-General Contractors-Single-Family Houses	Reuse Wood pallets	8.343				Pallets	40lbs/unit/5		USEPA	0.004				(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 0.02units/wk X 52.1428571428571 = 8.34285714285714 lb/yr
1521-General Contractors-Single-Family Houses	Reuse Remainder/composite plastic	89.946				Plastic	2.5lbs/unit		USEPA	0.045				(* Toner cartridge each=2.5) X 2.5lbs/unit X 0.68units/wk X 52.1428571428571 = 89.94285714285714 lb/yr
1521-General Contractors-Single-Family Houses	Reuse Office white ledger	260.714				Paper	5lbs/unit		USEPA	0.130				(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 5lbs/unit X 0.98units/wk X 52.1428571428571 = 0.980260.71428571428571 lb/yr
J1	3549-Metalworking machinery, n.e.c.	41.5	127.750			Plastic	2.5lbs/unit		USEPA	0.064				(* White Ledger, #20" x 11" X 500 sheets)=5 X 5lbs/unit X 1units/wk X 52.1428571428571 = 2.5lbs/unit X 0.98units/wk X 52.1428571428571 = 52.14285714285714 lb/yr
3549-Metalworking machinery, n.e.c.	Reuse Office white ledger	44.843				Paper	1lbs/unit			0.022				(* Pounds=1) X 1lbs/unit X 0.86units/wk X 52.1428571428571 = 44.84285714285714 lb/yr
3549-Metalworking machinery, n.e.c.	Recycling Wood pallets	11,992.857				Pallets	40lbs/unit		USEPA	5.968				(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 5.75units/wk X 52.1428571428571 = 11992.8571428571428571 lb/yr
3549-Metalworking machinery, n.e.c.	Reuse Film plastic	119.929				Plastic	1lbs/unit			0.080				(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 1lbs/unit X 52.1428571428571 = 119.928571428571428571 lb/yr
3549-Metalworking machinery, n.e.c.	Reuse Other	52.142.857				Other	1lbs/unit			26.071				(Recycled wax reused) X 1lbs/unit X 100units/wk X 52.1428571428571 = 52.142.8571428571428571 lb/yr
3549-Metalworking machinery, n.e.c.	Recycling Other ferrous metals new/expended only	0.000				Metal	1lbs/unit			0.000				(* Pounds=1) X 1lbs/unit X 38.35units/wk X 52.1428571428571 = 1999.678571428571428571 lb/yr
J2	5812-Eating places	25				Paper	2.2lbs/unit		USEPA	4.015				(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 70units/wk X 52.1428571428571 = 8030 lb/yr
J4	7549-Automotive services, n.e.c.	479.714				Pallets	40lbs/unit		USEPA	0.240				(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.23units/wk X 52.1428571428571 = 4.255.475.71428571428571 =
	7549-Automotive services, n.e.c.	5	7.926			Plastic	1.9lbs/unit		USEPA	0.004				(* Plastic, bucket w/ metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.08units/wk X 52.1428571428571 = 7.92571428571428571 lb/yr

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REF#	Business Type	RC	CPR	Waste Stream	Quantity	Unit	Source	Disposal	Data
7549-Automotive services, n.e.c.	Recycling Food			8.107.250	Organic	7.4lbs/unit	USEPA	4.054	(* Fats, solid/liquid (cooking oil) 1 gallon=1.45 X .45lbs/unit X 20.87units/wk X 52.1428571428571 = 81.0724964285714 lb/yr
	Recycling Uncoated corrugated cardboard			8.030.000	Paper	2.2lbs/unit	USEPA	4.015	(* OCC, box, medium 24" x 24" x 30" each=2.2) X 2.2lbs/unit X 70units/wk X 52.1428571428571 = 8030 lb/yr
J5	6311-Life Insurance			179.893	Paper	5lbs/unit	USEPA	0.090	(* OCC, box, medium 24" x 24" x 30" each=2.2) X 2.2lbs/unit X 70units/wk X 52.1428571428571 = 8030 lb/yr
	Reuse Office white ledger	3			Paper	5lbs/unit	USEPA	0.030	(* White Ledger #20, 8.5" x 11" 1 ream(500 sheets)=5) X 5lbs/unit X 0.23units/wk X 52.1428571428571 = 55.98628571428571 lb/yr
	Recycling Office white ledger			59.964	Paper	5lbs/unit	USEPA	0.030	(* Metal scrap 55 gallon=226.5) X 226.5lbs/unit X 7.34units/wk X 52.1428571428571 = 86688.021428571429 lb/yr
	Recycling Other ferrous metals new/expended only	6		0.000	Metal	226.5lbs/unit	USEPA	0.000	(* Pallet wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.58units/wk X 52.1428571428571 = 605.6051209.71428571429 lb/yr
J6	3446-Architectural metal work			1.209.714	Pallets	40lbs/unit	USEPA	0.605	(* Pallet wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.58units/wk X 52.1428571428571 = 605.6051209.71428571429 lb/yr
	Recycling Wood pallets			0.000	Other	1lbs/unit	USEPA	0.000	(* Pounds=1) X 1lbs/unit X 23.25units/wk X 52.1428571428571 = 1212.321428571429 lb/yr
K1	6721-Accounting, Auditing and Bookkeeping Services	2		1.212.321	Paper	1lbs/unit	USEPA	0.606	(* Pounds=1) X 1lbs/unit X 3 units/wk X 52.1428571428571 = 156.428571428571429 lb/yr
	Recycling Uncoated corrugated cardboard			7.5	Paper	1lbs/unit	USEPA	0.078	(* Pounds=1) X 1lbs/unit X 3 units/wk X 52.1428571428571 = 156.428571428571429 lb/yr
K2	5411-Grocery Stores			156.429	Paper	1lbs/unit	USEPA	0.025	(* Pounds=1) X 1lbs/unit X 0.96units/wk X 52.1428571428571 = 50.0571428571429 lb/yr
	Recycling Newspaper				Organic	1lbs/unit	USEPA	0.000	(* Pounds=1) X 1lbs/unit X 16.27units/wk X 52.1428571428571 = 848.84828571428571 lb/yr
K3	5600-Apparel and accessory stores	1		50.057	Plastic	1lbs/unit	USEPA	0.424	(* Pounds=1) X 1lbs/unit X 20.93units/wk X 52.1428571428571 = 109.35 lb/yr
	Reuse Textiles				Paper	1lbs/unit	USEPA	0.546	(* Pounds=1) X 1lbs/unit X 499.529495828571428571 lb/yr
	Recycling Remaining/composite plastic			848.849	Other	1lbs/unit	USEPA	0.000	(* Pounds=1) X 1lbs/unit X 9.58units/wk X 52.1428571428571 = 499.529495828571428571 lb/yr
	Recycling Uncoated corrugated cardboard			1.091.350	Paper	1lbs/unit	USEPA	0.000	(* Pounds=1) X 1lbs/unit X 9.58units/wk X 52.1428571428571 = 499.529495828571428571 lb/yr
	Recycling Children's and Infants' Wear Stores			17	Other	1lbs/unit	USEPA	0.250	(* Pounds=1) X 1lbs/unit X 9.58units/wk X 52.1428571428571 = 499.529495828571428571 lb/yr
K6	5531-Auto and Home Supply Stores			5.5	Paper	1lbs/unit	USEPA	0.000	(* Pounds=1) X 1lbs/unit X 9.58units/wk X 52.1428571428571 = 499.529495828571428571 lb/yr

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Ref#	Bus. Name	Address	Phone	Category	Count	Comments/Spec.	Source	Printers	Total
5531-Auto and Home Supply Stores	Recycling Uncoated corrugated cardboard	10-128571	Paper	50lbs/unit	USEPA	5,214	(CCC, stacked 1 cubic yard=50 X 50units/unit X 4units/wk X 52.1428571428571 = 10428.5714285714 lb/yr		
5531-Auto and Home Supply Stores	Recycling Wood pallets	14,600,000	Pallets	40lbs/unit	USEPA	7,300	(Pallet, wood versus plastic average 48" x 48" wood each=40 X 40lbs/unit X 7 units/wk X 52.1428571428571 = 14600 lb/yr		
5531-Auto and Home Supply Stores	Recycling Office white ledger	242,464	Paper	1lbs/unit		0.121	(CCC, box, medium 24"x24"x30" Pounds=1) X 1 lbs/unit X 4.65units/wk X 52.1428571428571 = 242.46285714285714 lb/yr		
5531-Auto and Home Supply Stores	Source reduction Uncoated corrugated cardboard	2,064,857	Paper	2.2lbs/unit	USEPA	1,032	(CCC, box each=4) X 4 lbs/unit X 0.02units/wk X 52.1428571428571 = 13.9204.171428571428571		
5531-Auto and Home Supply Stores	Recycling Phone books and directories	4,171	Paper	4lbs/unit	USEPA	0.002	(Phone book each=4) X 4 lbs/unit X 0.02units/wk X 52.1428571428571 = 0.096		
L1	5511-Motor Vehicle Dealers (New and Used)	62,571	Plastic	15lbs/unit	UCLA/s	0.031	(55 gallon drums; plastic each = 15) X 15lbs/unit X 0.08units/wk X 52.1428571428571 = 62.571428571428571 lb/yr		
L2	5571-Motorcycle Dealers	34,675	Plastic	1.9lbs/unit	USEPA	0.017	(Plastic; bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.35units/wk X 52.1428571428571 = 0.04934.675 lb/yr		
L3	8111-Legal Services	23	Pallets	40lbs/unit	USEPA	1,210	(Plastic; bucket w/metal handle 5 gallons each=1.9) X 1.9units/wk X 52.1428571428571 = 1,210.2419.428571428571 lb/yr		
L4	5713-Floor covering stores	2,419,429	Paper	0.0118lbs/unit	USEPA	0.211	(White Ledger Paper 1 sheet=0.0118) X 0.0118lbs/unit X 685units/wk X 52.1428571428571 = 0.211421.47071428571428571		
L5	7537-Automotive transmission repair shops	8	Pallets	40lbs/unit/5	USEPA	0.138	(White Ledger Paper 1 sheet=0.0118) X 0.0118lbs/unit X 2,790.571428571428571 = 2,790.571428571428571		
	Reuse Wood pallets	2	275,314	Special Waste	20lbs/unit	0.446	(Plastic; bucket w/metal handle 5 gallons each=1.9) X 1.9units/wk X 52.1428571428571 = 22,786		
	Reuse Tires	4				0.00	(Plastic; bucket w/metal handle 5 gallons each=1.9) X 1.9units/wk X 52.1428571428571 = 22,786		
	Reuse Durable plastic items						(Plastic; bucket w/metal handle 5 gallons each=1.9) X 1.9units/wk X 52.1428571428571 = 22,786		

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

Item	Description	Category	Sub-Category	Unit	SR	Temp	Act/Dec	Cap	Class	Source	Options	Cost	Cost/Unit
7537-Automotive transmission repair shops	Recycling Other ferrous metals new/expended only	Metal	226.5lb/unit	USEPA	0.000					(Metal scrap 55 gallon=226.5 X 226.5lbs/unit X 0.5units/wk X 0.01 5605.178571428571 = 4.419 5.1428571428571 = (* Pounds=1) X 11" X 1165/unit X 139.5units/wk X 52.1428571428571 = 7275.4928571428571 lbs/yr			
16	5411-Grocery Stores	Metal	226.5lb/unit	USEPA	0.000					(* Pounds=1) X 1165/unit X 200units/wk X 52.1428571428571 = 8.852 10428571428571 lbs/yr			
5411-Grocery Stores	Recycling Uncoated corrugated cardboard	Paper	1lbs/unit		3.638					(* OCC, box, medium 24"X24"X30" each=2.2) X 2.2lbs/unit X 15units/wk X 52.1428571428571 = 1720.71428571428571 lbs/yr			
17	5812-Eating places	Organic	1lbs/unit		5.214					(* OCC, box, medium 24"X24"X30" each=2.2) X 1lbs/unit X 15units/wk X 52.1428571428571 = 8.852 10428571428571 lbs/yr			
5812-Eating places	Recycling Food	Paper	2.2lbs/unit	USEPA	0.860					(* OCC, box, medium 24"X24"X30" each=2.2) X 2.2lbs/unit X 15units/wk X 52.1428571428571 = 1720.71428571428571 lbs/yr			
5812-Eating places	Reuse Uncoated corrugated cardboard	Paper	2.2lbs/unit	USEPA	0.026					(* OCC, box, medium 24"X24"X30" each=2.2) X 2.2lbs/unit X 15units/wk X 52.1428571428571 = 1720.71428571428571 lbs/yr			
5812-Eating places	Rause Food	Organic	1lbs/unit		0.026					(* OCC, box, medium 24"X24"X30" each=2.2) X 1lbs/unit X 15units/wk X 52.1428571428571 = 8.852 10428571428571 lbs/yr			
5812-Eating places	Reuse Office white ledger	Paper	2.2lbs/unit	USEPA	0.030					(* White Ledger #20, 8.5" X 11" 1ream (500 sheets)=5) X 5lbs/unit X 0.23units/wk X 52.1428571428571 = 51.62 1428571428571 lbs/yr			
5812-Eating places	Recycling Uncoated corrugated cardboard	Paper	2.2lbs/unit	USEPA	0.860					(* OCC, box, medium 24"X24"X30" each=2.2) X 2.2lbs/unit X 15units/wk X 52.1428571428571 = 1720.71428571428571 lbs/yr			
5812-Eating places	Recycling Clear glass bottles and containers	Glass	1.08lbs/unit	USEPA	0.676					(* Glass, wine bottle, each=1.08) X 1.08lbs/unit X 24units/wk X 52.1428571428571 = 1351.5428571428571 lbs/yr			
5812-Eating places	Recycling Clear glass bottles and containers	Plastic	0.33lbs/unit	USEPA	0.010					(* Plastic, 1 gallon HDPE jug 1 gallon each=0.33) X 0.33lbs/unit X 1.6units/wk X 52.1428571428571 = 19.9628571428571428571 lbs/yr			
5812-Eating places	Reuse HDPE containers	Plastic	1.9lbs/unit	USEPA	0.011					(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.23units/wk X 52.1428571428571 = 1.556 22.786428571428571428571 lbs/yr			
5812-Eating places	Scavenging Uncoated corrugated cardboard	Paper	2.2lbs/unit	USEPA	1.147					(* OCC, box, medium 24"X24"X30" each=2.2) X 2.2lbs/unit X 20units/wk X 52.1428571428571 = 1.147 22.9571428571428571 lbs/yr			
M1	5812-Eating places	Reuse Durable plastic items	22.786								Newspapers, brochures, etc X 1X 1000units/wk X 52.1428571428571428571 = 52.1428571428571428571 lbs/yr		
M2	7336-Commercial art and graphic design	Reuse Newspaper	2		52.143						Orig. audit wts.	0.026	

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LEP#	Business Type	Business Name	Address	City	CMP	Gas	Conversion factor	Source	Divisors	Total	Comments
M3	7336-Commercial art and graphic design	Reuse Uncoated corrugated cardboard	1,332,980		Paper	2.2lbs/unit	USEPA	0.666	0.693	0.693	(* OCC, box, medium 24" x24" x30" each=2.2) X 2.2lbs/unit X 11.62units/wk X 52.1428571428571
M3	3589-Service industry machinery, n.e.c.	Recycling Other ferrous metals newexpanded only	4		Metal	1lbs/unit		0.000			(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 2units/wk X 52.1428571428571 =
M4	3589-Service industry machinery, n.e.c.	Scavenging Wood pallets			Pallets	40lbs/unit	USEPA	2.086	2.086	2.086	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 2.33units/wk X 52.1428571428571 =
M4	3589-Service industry machinery, n.e.c.	Recycling Uncoated corrugated cardboard	16,5		Paper	50lbs/unit	USEPA	0.978	195.357	195.357	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.75units/wk X 52.1428571428571 =
M5	3589-Service industry machinery, n.e.c.	Recycling Wood pallets			Pallets	40lbs/unit	USEPA	2.430	3,408	3,408	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 2.33units/wk X 52.1428571428571 =
M5	5183-Flowers & florists' supplies	Reuse Durable plastic items	3		Plastic	1lbs/unit		0.121	242,464	242,464	(* Plastic, HDPE plant pot 3 gallons each=0.9) X 0.9lbs/unit X 4.8units/wk X 52.1428571428571 =
M6	5193-Flowers & florists' supplies	Reuse Durable plastic items			Plastic	0.9lbs/unit	UCLA /sh	0.113	225,257	225,257	(* Plastic, HDPE plant pot 3 gallons each=0.9) X 0.9lbs/unit X 4.8units/wk X 52.1428571428571 =
M6	2500-Furniture and fixtures	Scavenging Wood pallets	7		Pallets	40lbs/unit	USEPA	0.363	725,829	725,829	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.348units/wk X 52.1428571428571 =
M7	3400-Fabricated metal products	Scavenging Wood pallets	25		Pallets	40lbs/unit	USEPA	7.269	14,537,429	14,537,429	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 6.97units/wk X 52.1428571428571 =
M8	7389-Business services, n.e.c.	Recycling Other ferrous metals newexpanded only	5		Metal	1lbs/unit		0.000	453,643	453,643	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 1.74units/wk X 52.1428571428571 =
M8	3400-Fabricated metal products	Reuse Office white ledger			Paper	5lbs/unit	USEPA	0.227			(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 1.74units/wk X 52.1428571428571 =

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	Business Type	Address	Phone	Business Name	NAICS	NAICS Description	GMP	Conversion Factor	Substrate	Chroms	TOTAL	Chroms	CAC
7389-Business services, n.e.c.	Scavenging Wood pallets		1,939.714		Pallets	40lbs/unit	USEPA	0.970			(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.93units/wk X 52.1428571428571 = 1939.71428571429 lb/yr		
7389-Business services, n.e.c.	Scavenging Uncoated corrugated cardboard		2,284.286		Paper	2.2lbs/unit	USEPA	1.147			(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 20units/wk X 52.1428571428571 = 2,344.2294.28571428571 lb/yr		
M9 5300-General merchandise stores	Recycling Uncoated corrugated cardboard	70	114,714.286		Paper	2.2lbs/unit	USEPA	57.357			(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 100units/wk X 52.1428571428571 = 114714.2857142856 lb/yr		
M10 7000-Hotels and other lodging places	Reuse Office white ledger	20	6,257		Pallets	40lbs/unit	USEPA	0.000			(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 11units/wk X 52.1428571428571 = 6,257.142857142856 lb/yr		
M11 8211-Elementary and Secondary Schools	Scavenging Wood pallets		1,209.714		Paper	0.12lbs/unit	USEPA	0.003			(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 8.22units/wk X 52.1428571428571 = 2166.1071428571429 lb/yr		
N1 8000-Health services	Reuse Office white ledger	49.5	2,156.107		Pallets	40lbs/unit	USEPA	0.605			(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 8.22units/wk X 52.1428571428571 = 2166.1071428571429 lb/yr		
N2 5100-Wholesale trade-nondurable goods	Reuse Remainder/composite plastic	454.946	0.000		Pallets	2.5lbs/unit	USEPA	0.227			(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 7units/wk X 52.1428571428571 = 1,306.454.946428571429 lb/yr		
N3 7011-Hotels and Motels	Recycling Other	7.5			Plastic Other	1lbs/unit	USEPA	0.000			(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 7units/wk X 52.1428571428571 = 14600 lb/yr		
O1 9900-Unclassified Establishments	Reuse Office white ledger	14	12,305.714		Pallets	40lbs/unit	USEPA	0.000			(* White Ledger, uncompactied stacked 1 cubic yard=400) X 400lbs/unit X 5.59units/wk X 52.1428571428571 = 12,305.7143 lb/yr		

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	Business Type	Temp	Perman	Chp	Conventional	Organic	Total	Comments
P3	5812-Eating places	10.5	10,429		Paper 5lbs/unit Other 11lbs/unit	USEPA 0.005 0.000	0.005 0.000	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.004units/wk X 52.1428571428571 = 0.005 10.428571428571 lb/yr
P4	7389-Business services, n.e.c.	11	0.000					
P5	5812-Eating places	11.5	3,441,429		Paper 2.2lbs/unit	USEPA 1.721	1.721	(* CCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 30units/wk X 52.1428571428571 = 3441.428571428571 lb/yr
P6	5812-Eating places	12,555,166			Organic 7.45lbs/unit	USEPA 6.278	6.278	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 32.32units/wk X 52.1428571428571 = 12555.16571428571 lb/yr
P7	5812-Eating places	7	2,647,606		Glass 2.45lbs/unit	USEPA 0.356	0.356	(* Glass, 1 gallon jug each=2.45) X 2.45lbs/unit X 5.58units/wk X 23.35units/wk X 52.1428571428571 = 712.845 lb/yr
P8	5300-General merchandise stores	6,452,679			Paper 2.2lbs/unit	USEPA 1.324	1.324	(* CCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 23.08units/wk X 52.1428571428571 = 2647.60571428571 lb/yr
P9	5300-General merchandise stores	1,303,571			Organic 1lbs/unit	USEPA 3.226	3.226	(* CCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 56.25units/wk X 52.1428571428571 = 6452.678571428571 lb/yr
P10	5300-General merchandise stores	11,732,143			Paper 4lbs/unit	USEPA 5.886	5.886	(* "Pounds=1")X"lbs/unit" X 25units/wk X 52.1428571428571 = 1303.57142857143 lb/yr
P11	5300-General merchandise stores	7,508,571			Pallets 40lbs/unit/5	USEPA 3.754	3.754	(* "Pounds=1")X"lbs/unit" X 50units/wk X 52.1428571428571 = 7508.57142857143 lb/yr
P12	5300-General merchandise stores	2,607,143			Organic 1lbs/unit	USEPA 1.304	1.304	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.25units/wk X 52.1428571428571 = 75.8071428571429 lb/yr
P13	6500-Real estate	5	75,607		Paper 5lbs/unit	USEPA 0.038	0.038	

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Ref#	Business Type	Act Date	Env.	SB	CMP	Class	Conversion Factor
Q1	5700-Furniture and home furnishings stores	Scavenging Uncoated corrugated cardboard	1,147,143	Paper	2.2lbs/unit	USEPA	0.574
Q1	8000-Health services	Recycling Office white ledger	203,357	Paper	5lbs/unit	USEPA	0.102
R1	8000-Health services	Reuse Magazines and catalogs	117,321	Paper	3lbs/unit	USEPA	0.059
R1	8000-General merchandise stores	Reuse Newspaper	156,429	Paper	1lbs/unit	Orig. audit wts.	0.078
R2	5400-Food stores	Reuse Office white ledger	2.5	Paper	5lbs/unit	USEPA	0.009
R2	5400-Food stores	Recycling Uncoated corrugated cardboard	19.5	Paper	500lbs/unit	FEECO	82-125 98.400
R2	5400-Food stores	Food Donation	5,424.943	Organic	18lbs/unit	Process.	2.712
R2	5400-Food stores	Plastic Recycling	0.90	5,980,000	Plastic	Actual Weight	0.90
R2	5400-Food stores	Meat Rendering	0.00	23,600,000	Organic	Actual Weight	11,800
R2	5400-Food stores	Produce Waste Composting	0.00	124,400,000	Organic	Actual Weight	62,200
R2	5400-Food stores	Reuse Plastic pallets	14,150.592	0.00	Pallets	40lbs/unit/5	7,001-0.00
R3	5400-Food stores	Source reduction	15,643	Plastic	2.5lbs/unit	USEPA	0.008
R3	7000-Hotels and other lodging places	Remainder/composite plastic	12	Other	1lbs/unit	USEPA	0.000
R3	7000-Hotels and other lodging places	Recycling Other	0.000				0.000
R4	5900-Miscellaneous retail	Recycling Phone books and directories	16.5	Paper	4lbs/unit	USEPA	0.008
R4	5900-Miscellaneous retail	Scavenging Wood pallets	16,686	Paper	4lbs/unit	USEPA	16,687-14,2857143

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AcDec							
Category	Sub-Category	Class	Collection Factor	Source	Units	Total	Unit Cost
5900-Miscellaneous retail	Recycling Uncoated corrugated cardboard	Paper	2.2lbs/unit	USEPA	0.547	9.53units/wk X 2.2lbs/unit X 1093.227/14285714 lb/yr	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 9.53units/wk X 52.14285714/1428571 = 1093.227/14285714 lb/yr
5900-Miscellaneous retail	Recycling Uncoated corrugated cardboard	Paper	2.2lbs/unit	USEPA	0.547	16.744 1093.227/14285714 lb/yr	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 9.53units/wk X 52.14285714/1428571 = 1093.227/14285714 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(Plastic, hangers (whitetail hook) each=0.125) X 0.125bs/unit X 2700.units/wk X 52.14285714/1428571 = 175.982 214/142857143 lb/yr	(Plastic, hangers (whitetail hook) each=0.125) X 0.125bs/unit X 2700.units/wk X 52.14285714/1428571 = 175.982 214/142857143 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(Wood Waste @ 4/lb/yr) X 11bs/unit X 0.008units/wk X 52.14285714/1428571 = 4.1714285711428571 lb/yr	(Wood Waste @ 4/lb/yr) X 11bs/unit X 0.008units/wk X 52.14285714/1428571 = 4.1714285711428571 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(Plastic bag @ 7/lb/yr) X 1lbs/unit X 2895units/wk X 52.14285714/1428571 = 140.525 lb/yr	(Plastic bag @ 7/lb/yr) X 1lbs/unit X 2895units/wk X 52.14285714/1428571 = 140.525 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 12units/wk X 52.14285714/1428571 = 5005.71428571429 lb/yr	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 12units/wk X 52.14285714/1428571 = 5005.71428571429 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(OCC, "bale (large)" 1 cubic yard=900) X 900lbs/unit X 150units/wk X 52.14285714/1428571 = 703928.571428571428571 lb/yr	(OCC, "bale (large)" 1 cubic yard=900) X 900lbs/unit X 150units/wk X 52.14285714/1428571 = 703928.571428571428571 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(* Pounds=1) X 1lbs/unit X 0.94units/wk X 52.14285714/1428571 = 49.01428571428571 lb/yr	(* Pounds=1) X 1lbs/unit X 0.94units/wk X 52.14285714/1428571 = 49.01428571428571 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(Metal Fixtures @ 25/lb/yr) X 1lbs/unit X 4.75units/wk X 52.14285714/1428571 = 247.678571428571428571 lb/yr	(Metal Fixtures @ 25/lb/yr) X 1lbs/unit X 4.75units/wk X 52.14285714/1428571 = 247.678571428571428571 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 0.1units/wk X 52.14285714/1428571 = 424.9642857142856 lb/yr	(* White Ledger #20, 8.5" x 11" 1ream (500 sheets)=5) X 5lbs/unit X 0.1units/wk X 52.14285714/1428571 = 424.9642857142856 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(* Plastic, bucket w/metal handle 5 gallons each=1.9) X .9lbs/unit X 0.1units/wk X 52.14285714/1428571 = 9.907142857142856 lb/yr	(* Plastic, bucket w/metal handle 5 gallons each=1.9) X .9lbs/unit X 0.1units/wk X 52.14285714/1428571 = 9.907142857142856 lb/yr
R5	S311-Department Stores	Plastic	0.125bs/unit	UCLA/jh	8.799	(* Plastic, 1 gallon container - mayo 1 gallon/unit X 0.12lbs/unit X 34.88units/wk X 52.14285714/1428571 = 763.872 lb/yr	(* Plastic, 1 gallon container - mayo 1 gallon/unit X 0.12lbs/unit X 34.88units/wk X 52.14285714/1428571 = 763.872 lb/yr

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Ref#	Business Type	AcDose	Temp	SR	RC	OilP	Cass	Conversion Factor	SQ ft	Blk	Blk/sq ft	Total	Car.
8200-Educational services	Recycling Uncoated corrugated cardboard				7,833.943		Paper	50.08lbs/unit	Telus	3.917			
8200-Educational services	Recycling Other office paper				298.114		Paper	42.35lbs/unit	USEPA	0.149			
8200-Educational services	Reuse Ferrous tin/steel cans				0.000		Metal	0.77lbs/unit	USEPA	0.000			
8200-Educational services	Recycling Magazines and catalogs				2,607.664		Paper	3lbs/unit	USEPA	1.304			
8200-Educational services	Scavenging Wood pallets						Pallets	40lbs/unit	USEPA	2.430			
8200-Educational services	Recycling Office white ledger				4,859.714		Paper	5lbs/unit	USEPA	0.304			
8200-Educational services	Recycling Newspaper				607.464		Paper	1lbs/unit	Orig. audit wks.	9.125			
8200-Educational services	Recycling Phone books and directories				18,250.000		Paper	4lbs/unit	USEPA	0.040			
8200-Educational services	Reuse Office white ledger				79.257		Paper	5lbs/unit	USEPA	0.061			
8200-Educational services	Recycling Other ferrous metals new/expended only				0.000		Metal	1lbs/unit		0.000			
8200-Educational services	Reuse Film plastic						Plastic	1lbs/unit		0.005			
8200-Educational services	Source reduction Agricultural crop residues (non ag use only)				9.907		Organic	1lbs/unit		0.929	0.00		
8200-Educational services					49,450.00								

(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08/unit X 3units/wk X 52.1428571428571 = 783.94285714286 lbs/yr (* Office Paper (white, color, CPO, junk mail) 55 gallon=42.35) X 42.35/lbs/unit X 0.155units/wk X 52.1428571428571 = 298.11375 lbs/yr (* Tin can, "tin cans" #10 86oz=0.77) X 0.77/lbs/unit X 0.96units/wk X 52.1428571428571 = 38.544 lbs/yr (* Magazines, 8.5" x 11" 10 units=3) X 3lbs/unit X 16.67units/wk X 52.1428571428571 = 260.76642857142859 lbs/yr (* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40/lbs/unit X 2.33units/wk X 52.1428571428571 = 495.97142857142859 lbs/yr (* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=5) X 5lbs/unit X 2.33units/wk X 52.1428571428571 = 607.4642857142856 lbs/yr (* Newspapers each=1) X 1lbs/unit X 350units/wk X 52.1428571428571 = 182.50 lbs/yr (* Phone book each=4) X 4lbs/unit X 0.38units/wk X 52.1428571428571 = 79.257142857142859 lbs/yr (* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=5) X 5lbs/unit X 0.47units/wk X 52.1428571428571 = 122.535714285714 lbs/yr (* Pounds=1) X 1lbs/unit X 38.46units/wk X 52.1428571428571 = 200.541428571428571 lbs/yr (* Pounds=1) X 1lbs/unit X 0.19units/wk X 52.1428571428571 = 9.9071428571428571 lbs/yr (* Pounds=1) X 1lbs/unit X 0.77units/wk X 52.1428571428571 = 40.15 lbs/yr

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R10	7000-Hotels and other lodging places	8200-Educational services	Reuse Misc. plastic containers	16.175	Plastic	0.94lbs/unit	Orig. audit ws.	0.008	64.629	(Plastic, beverage 5 gal. 5 gallons each=0.94) X 0.94lbs/unit X 0.3units/wk X 52.1428571428571 = 63.581			
R11	8231-Libraries	7000-Hotels and other lodging places	Reuse Bulky items	12	3,302.447	Special Waste	166.67lbs/unit	LA Study	1.651	(Double size bed each=166.67) X 166.67lbs/unit X 0.38units/wk X 52.1428571428571 = 3502.447 lbs/yr			
		7000-Hotels and other lodging places	Reuse Bulky items		587.295	Special Waste	29.64lbs/unit	LA Study	0.294	(Chairs each=29.64) X 29.64lbs/unit X 0.38units/wk X 52.1428571428571 = 587.285428571428571 lbs/yr			
		7000-Hotels and other lodging places	Reuse Bulky items		561.438	Special Waste	56.67lbs/unit	LA Study	0.281	(TV tables each=56.67) X 56.67lbs/unit X 0.19units/wk X 52.1428571428571 = 561.43778571428571 lbs/yr			
		8231-Libraries	Reuse Office white ledger	6	362.393	Paper	5lbs/unit	USEPA	0.181	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 1.39units/wk X 52.1428571428571 = 362.3928571428571 lbs/yr			
		8231-Libraries	Reuse Phone books and directories		31.286	Paper	4lbs/unit	USEPA	0.016	(* Phone book each=4) X 4lbs/unit X 0.15units/wk X 52.1428571428571 = 31.28571428571428571 lbs/yr			
		8231-Libraries	Reuse Remainder/composite plastic		6.518	Plastic	2.5lbs/unit	USEPA	0.003	(* Toner cartridge each=2.5) X 2.5lbs/unit X 0.05units/wk X 52.1428571428571 = 6.5178571428571428571 lbs/yr			
		8231-Libraries	Scavenging Uncoated corrugated cardboard		860.357	Paper	2.2lbs/unit	USEPA	0.430	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 7.5units/wk X 52.1428571428571 = 860.3571428571428571 lbs/yr			
		8231-Libraries	Reuse Uncoated corrugated cardboard		6,194.571	Paper	2.2lbs/unit	US EPA	3.097	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 54units/wk X 52.1428571428571 = 6194.571428571428571 lbs/yr			
		8200-Educational services	Recycling Newspaper		17,337.500	Paper	975lbs/unit	US EPA	8.669	(* Newspapers, stacked 1 cubic yard=875) X 875lbs/unit X 0.38units/wk X 52.1428571428571 = 12,396.1733742857143 lbs/yr			
		8200-Educational services	Reuse Uncoated corrugated cardboard	25	330.377	Paper	12.2lbs/unit	US EPA	0.165	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 2.8units/wk X 52.1428571428571 = 330.377142857143 lbs/yr			
R12	8200-Educational services	Scavenging Wood pallets								(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 0.67units/wk X 52.1428571428571 = 669.1397428571428571 lbs/yr			
R13	8200-Educational services	Scavenging Wood pallets								669.1397428571428571 lbs/yr			

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REF#	Business Type	Ac/Dec	Bus. Type	Ac/Dec	SB	SP	CMP	Class	Count	Weight/unit	Source	Divisons	Total
S4	8200-Educational services		Recycling Uncoated corrugated cardboard	95				Paper	31,546.429	2.2lbs/unit	USEPA		15,773
			Scavenging Wood pallets					Pallets	5,819.143	40lbs/unit	USEPA		2,910
S5	5900-Miscellaneous retail		Scavenging Plastic pallets	40				Pallets	46,928.624 0.00	40lbs/unit	USEPA		23,464 0.00
			Recycling Other office paper					Paper	250.256	8lbs/unit	USEPA		0.125
			Recycling Uncoated corrugated cardboard					Paper	187,714.286	900lbs/unit	USEPA		93,857
			Source reduction					Plastic	124.282 18.00	2.5lbs/unit	USEPA		0.061 0.009
			Scavenging Wood pallets					Pallets	46,842.862 0.00	40lbs/unit	USEPA		7,824 0.00
			Reuse Uncoated corrugated cardboard					Paper	2500 0.00 15,000.00	2.2lbs/unit	USEPA		0.00 7,500
S6	4900-Electric, gas, and sanitary services		Office supplies received without packaging					Paper	0.00 10,000.000	Bus. Estimate	Bus.		0.00 5.00
			Paper source reduction/Manuals online					Paper	0.00 103,950.000	Bus. Estimate	Bus.		51.975
			Toner cartridge Return					Plastic	0.00 9,520.00	Bus. Estimate	Bus.		0.00 4.76
			Furniture and Office Supply Donation					Other	0.00 1,072,400.000	Bus. Estimate	Bus.		0.00 556.2
			Recycling Other					Other	2,406.393	1lbs/unit			1,203
			Recycling Other ferrous metals new/expended only					Metal	0.00 329,448.3857				0.00 114.724
			4900-Electric, gas, and sanitary services										2406.392857142.86 lbs/yr
			4900-Electric, gas, and sanitary services										4400.38units/wk X 52.1428571428571 = 22044.3857142863 lbs/yr

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Act Desc	RC	CW	SP	TP	Other factors	Source	units	Total	Calc
Recycling Other miscellaneous paper	60	1,167,520,900	Paper	1lbs/unit			0.00	683,967	(* Pounds=1) X 1lbs/unit X 2206/units/wk X 52 = 1150636.42857143 lb/yr
5800-Eating and drinking places	S7	5800-Eating and drinking places	64,135,714	Organic	4.10lbs/unit	USEPA	32,068	1,305,122	583.76 X 4.10lbs/unit X 15units/wk X 52 = 1150636.42857143 lb/yr
7500-Auto repair, services, and parking	S8	7500-Auto repair, services, and parking	6,257,143	Pallets	40lbs/unit/5	USEPA	3,129	35,196	(* Pallet, wood versus plastic average=48" x 48" wood each=40) X 40lbs/unit/5 X 15units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	S8	7500-Auto repair, services, and parking	12	Metal	2.21lbs/unit	USEPA	0.000	2,211	(* Paint can" gallon each=2.21) X 2.21lbs/unit X 19units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	S8	7500-Auto repair, services, and parking	0.000	Metal	30lbs/unit	USEPA	0.000	0	(* 55 gallon drums, metal each=30) X 30lbs/unit X 338units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	S8	7500-Auto repair, services, and parking	0.000	Paper	5lbs/unit	USEPA	0.091	0	(* White "Fridge" #20, 8.5" x 11" x 1 team (500 sheets)=5) X 5lbs/unit X 0.7units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	S8	7500-Auto repair, services, and parking	182,500	Metal	48.7lbs/unit	FECCO	0.000	0	(* Sheet, solid "furniture" #6=487) X 48.7lbs/unit X 0.11units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	S8	7500-Auto repair, services, and parking	0.000	Paper	50lbs/unit	USEPA	7,821	2,793,292,857.14286 lb/yr	(* OCC, stacked" cubic yard=50) X 50lbs/unit X 6units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	S8	7500-Auto repair, services, and parking	15,642,857	Special Waste	20lbs/unit	USEPA	4,246	9,428	(* Tires, car each=20) X 20lbs/unit X 2.33units/wk X 52.1428571428571 =
7500-Auto repair, services, and parking	S8	7500-Auto repair, services, and parking	2,329,987.00	Plastic	0.77lbs/unit	USEPA	0.000	7,913	(* Plastic grocery bag 100 bags=0.77) X 0.77lbs/unit X 0.058units/wk X 52.1428571428571 =
5900-Miscellaneous retail	S9	5900-Miscellaneous retail	2	Paper	2.21lbs/unit	USEPA	0.045	2,387	= 2.387 lb/yr
7000-Hotels and other lodging places	S10	7000-Hotels and other lodging places	13,596,230	Organic	7.45lbs/unit	USEPA	6,798	13596.25 lb/yr	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.21lbs/unit X 0.7units/wk X 52.1428571428571 =
7000-Hotels and other lodging places	S10	7000-Hotels and other lodging places	30	Paper	2.21lbs/unit	USEPA	0.045	0.046	0.04689.4771428571428571 =
									(* Fats, solid/liquid (Cooking oil) 55 gallon drum=410) X 410lbs/unit X 35units/wk X 52.1428571428571 =
									40lbs/unit/5 X 1 units/wk X 52.1428571428571 =
									417.14285714285710 lb/yr

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Attachment 9 - City of Rosemead 2009 New Baseline Study Business Surveys (All)

Item	Description	Category	Source	Quantity	Unit	Class	Opn	RC	S8	Total
S21	5900-1-Miscellaneous retail	Reuse Uncoated corrugated cardboard	2	1,433.929		Paper	2.2lbs/unit	USEPA	0.717	0.7171433.928571428571 =
S22	5400-Food stores	Recycling Food	17	6,413.571		Organic	410lbs/unit	USEPA	3.207	(* OCC, box, medium 24" x 24" x 30" each=2.2) X 2.2lbs/unit X 12.5units/wk X 52.1428571428571 = 6413.57142857143 lbs/yr
	5400-Food stores	Scavenging Uncoated corrugated cardboard		7,833.943		Paper	50.0lbs/unit	Tallus	3.917	(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 410lbs/unit X 0.3units/wk X 52.1428571428571 =
	5400-Food stores	Reuse Wood pallets	4,171.429			Pallets	40lbs/unit/5	USEPA	2.086	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 =
	5400-Food stores	Source reduction Uncoated corrugated cardboard		1,147.143		Paper	2.2lbs/unit	USEPA	0.574	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 10units/wk X 52.1428571428571 =
	5400-Food stores	Reuse Durable plastic items	344.143			Plastic	1.1lbs/unit	USEPA	0.172	(* OCC, box, medium 24" x 24" x 30" each=2.2) X 2.2lbs/unit X 10units/wk X 52.1428571428571 =
	3600-Electronic & other electric equipment	Reuse Uncoated corrugated cardboard	5	1,303.571		Paper	1lbs/unit	0.652	1147.142857142856 lbs/yr	
T1	3600-Electronic & other electric equipment	Scavenging Uncoated corrugated cardboard		19,584.857		Paper	50.0lbs/unit	Tallus	9.792	(* Plastics, bricker 25' gallons=1.1) X 1.1lbs/unit X 6units/wk X 52.1428571428571 =
	3600-Electronic & other electric equipment	Reuse Wood pallets	4,171.429			Pallets	40lbs/unit/5	USEPA	2.086	(* Pounds=1) X 10units/wk X 25units/wk X 52.1428571428571 =
	7500-Auto repair, services, and parking	Reuse Other non-ferrous metals new/expended only	2	0.000		Metal	1lbs/unit	0.000	1303.57142857143 lbs/yr	
T2	7500-Auto repair, services, and parking	Reuse Office white ledger		13,036		Paper	4lbs/unit	USEPA	0.007	(* White Ledger #20, 8.5" x 11" 1 team (500 sheets)=50 X 5lbs/unit X 0.05units/wk X 52.1428571428571 =
	7500-Auto repair, services, and parking	Reuse Uncoated corrugated cardboard		730.000		Paper				(* OCC, box, large 48" x 48" x 60" each=4) X 4lbs/unit X 3.5units/wk X 52.1428571428571 = 730 lbs/yr

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

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Business Type	Business ID	Business Name	Address	Business Type	Business ID	Business Name	Address	Business Type	Business ID
7500-Auto repair, services, and parking	7500-1	Reuse Film plastic	20.075	Plastic	0.77lbs/unit	USEPA corr.	0.010	0.382	20.075 lb/yr
T3	5000-Wholesale trade-durable goods	Source reduction Other	3	46.36- 0.00	Other	11lbs/unit		0.923 0.00	(Plastic, grocery bag 100 bags=(.77) X 0.77lbs/unit X 0.5units/wk X 52 1428571428571 = 0.382 20.075 lb/yr
	5000-Wholesale trade-durable goods	Scavenging Uncoated corrugated cardboard		2,064.857	Paper	2.2lbs/unit	USEPA	1.032	(Damaged Beauty Supply returned to mfg.) X 1lbs/unit X 0.87units/wk X 52.1428571428571 = 45.361428571428571 lb/yr
T4	7500-Auto repair, services, and parking	Reuse Uncoated corrugated cardboard	1.5	4,667.724	Paper	2.2lbs/unit	USEPA	1.004	(OCC box, medium 24"24"x30" each=2.2) X 2.2lbs/unit X 18units/wk X 52.1428571428571 = 2064.85714285714 lb/yr
	5000-Wholesale trade-durable goods	Reuse Uncoated corrugated cardboard		2,067.500	Paper	2.2lbs/unit	USEPA	2.334	(* OCC box, medium 24"24"x30" each=2.2) X 2.2lbs/unit X 40.69units/wk X 52.1428571428571 = 467.71428571429 lb/yr
	7500-Auto repair, services, and parking	Scavenging Wood pallets		2,085.714	Pallets	40lbs/unit	USEPA	1.043	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 1units/wk X 52.1428571428571 = 2085.71428571429 lb/yr
	7500-Auto repair, services, and parking	Recycling Tires		125.514286- 0.00	Special Waste	20lbs/unit	USEPA	6.25Z 0.00	(* Tire, car each=20) X 20lbs/unit X 12units/wk X 52.1428571428571 = 1251.428571428571 lb/yr (White Ledger Paper)"
T5	5400-Food stores	Reuse Office white ledger		55.376	Paper	0.0118lbs/unit	USEPA	0.028	sheet=.0118) X 0.0118lbs/unit X 90units/wk X 52.1428571428571 = 3,404.55375142857143 lb/yr
	7500-Auto repair, services, and parking	Reuse Wood pallets	10	417.143	Pallets	40lbs/unit/5	USEPA	0.209	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 1units/wk X 52.1428571428571 = 187.71428571428571 lb/yr
	3400-Fabricated metal products	Recycling Other	65	350.921	Other	1lbs/unit		0.175	(Copper Coil Wire) X 1lbs/unit X 6.73units/wk X 52.1428571428571 = 360.921428571429 lb/yr
	3400-Fabricated metal products	Recycling Other ferrous metals newspaper/del only		0.000	Metal	30lbs/unit		0.000	(* Pounds=1) X 1lbs/unit X 0.96units/wk X 52.1428571428571 = 50.0571428571429 lb/yr
	3400-Fabricated metal products	Reuse Other miscellaneou paper		50.057	Paper	1lbs/unit		0.025	30lbs/unit

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Alt#	Business Name	Address	Emp	SR	RC	Office	Cass	Connection no.	Source	Pounds	Total	Case
3400-Fabricated metal products	Reuse Office white ledger	122.536					Paper		USEPA	0.061	0.282	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.47units/wk X 52.1428571428571 = 122.53714285714 lb/yr
U1 3700-Transportation equipment	Scavenging Wood pallets	3			6.257.143		Pallets	40lbs/unit	USEPA	3.129	3.129	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 3 units/wk X 52.1428571428571 = 129.625714285714 lb/yr
U2 8900-Services, n.e.c.	Recycling Other	3			0.000		Other	11lbs/unit		0.000	0.000	
U3 4300-United States Postal Service-General	Recycling Other miscellaneous paper	48			52.403.571		Paper	11lbs/unit		26.202	26.202	(* Pounds=1) X 1lbs/unit X 100.5units/wk X 52.1428571428571 = 52403.714285714286 lb/yr (* Shredded Paper 33 gallons=8) X 8lbs/unit X 1.8units/wk X 52.1428571428571 = 750.857142857143 lb/yr
U4 6000-Depository institutions	Recycling Other office paper	20			750.857		Paper	8lbs/unit	USEPA	0.375		(* Mixed Paper, loose 1 cubic yard (construction, fax, marilla, some chipboard)=363.5) X 363.5lbs/unit X 0.02units/wk X 52.1428571428571 = 379.0785714285714 lb/yr (* Toner cartridge each=2.5) X 2.5lbs/unit X 0.37units/wk X 52.1428571428571 = 389.482321428571428 lb/yr
	Recycling Other miscellaneous paper				379.079		Paper		USEPA	0.190		(* Pound=1) X 1lbs/unit X 232.56units/wk X 52.1428571428571 = 12126.3428571429 lb/yr
	Source reduction				48.232		Plastic	2.5lbs/unit	USEPA	0.024	0.000	(* Pound=1) X 1lbs/unit X 0.000
	Remainder/composite plastic				0.000		Other	11lbs/unit		0.000	0.000	
6000-Depository institutions	Recycling Other	2										
6000-Depository institutions	Reuse Other ferrous metals new/expended only	4.5			0.000		Metal	11lbs/unit		0.000	0.000	(* Pound=1) X 1lbs/unit X 23.26units/wk X 52.1428571428571 = 1334.1271428571428571 = 1334.1271428571429 lb/yr
5500-Automotive dealers & service stations	Scavenging Uncoated corrugated cardboard						Paper	1.1lbs/unit	USEPA	0.667		(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 0.23units/wk X 52.1428571428571 = 95.8428571428571 lb/yr
7500-Auto repair, services, and parking					1.334.127							
V1 5812-Eating places	Reuse Wood pallets				95.943		Pallets	40lbs/unit/5	USEPA	0.048	0.000	(* OCC, box, small 12"x12"x15" each=1) X 1.1lbs/unit X 23.26units/wk X 52.1428571428571 = 750.1271428571428571 = 750.1271428571429 lb/yr
V2 7011-Hotels and Motels	Recycling Leaves and grass	2.5			19.749.107		Other	11lbs/unit		0.000	0.000	(* Grass 33 gallons=25) X 25lbs/unit X 15.15units/wk X 52.1428571428571 = 19749.1071428571429 lb/yr

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Ref#	Business Type	Activity ID	Category	Class	Conversion Factor	Source Units	Units	Total
V6	5500-Automotive dealers & service stations	Scavenging Uncoated corrugated cardboard	3	458.857	Paper	2.2lbs/unit	USEPA	0.229
	Recycling Prunings and trimmings	1.689.429	Organic	108lbs/unit	USEPA	0.845		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 4units/wk X 52.1428571428571 = 458.857142857143 lb/yr
	Recycling Other	201.783	Other	1lbs/unit		0.101		(* Yard Trims, mixed 1 cubic yard=108) X 108lbs/unit X 3units/wk X 52.1428571428571 = 1689.42857142857143 lb/yr.
V7	7500-Auto repair, services, and parking	Recycling Tires	7	42.148.000	0.00	20lbs/unit	USEPA	6.509
	Recycling Other ferrous metals new/expanded only	0.000	Metal	1lbs/unit		0.000		(* Pounds=1) X 1lbs/unit X 20lbs/unit X 5units/wk X 52.1428571428571 = 11.62units/wk X 52.1428571428571 = 121.18 lb/yr
	Recycling Other ferrous metals new/expanded only	5	Metal	1lbs/unit		0.000		(* Pounds=1) X 1lbs/unit X 23.25units/wk X 52.1428571428571 = 121.32142857143 lb/yr
V8	7500-Auto repair, services, and parking	Recycling Uncoated corrugated cardboard	10.5	573.571	Paper	2.2lbs/unit	USEPA	0.287
	Scavenging Other ferrous metals new/expanded only	0.000	Metal	1lbs/unit		0.000		(* Pounds=1) X 1lbs/unit X 17.5units/wk X 52.1428571428571 = 573.571428571429 lb/yr.
W1	7500-Auto repair, services, and parking	Reuse Wood pallets	47.143		Plastic	40lbs/unit/5	USEPA	0.209
	7500-Auto repair, services, and parking	Reuse Durable plastic items	31.286		Plastic	15lbs/unit	UCLA/r/s	0.016
	Reuse Uncoated corrugated cardboard	5	Paper	2.2lbs/unit	USEPA	0.880		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 15.34units/unit X 0.04units/wk X 52.1428571428571 = 15.9717142857143 lb/yr.
W2	5900-Miscellaneous retail	798.559	Paper	2.2lbs/unit	USEPA	0.400		(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 15.34units/wk X 52.1428571428571 = 799.555571428572 lb/yr
	Reuse Other	6.002.000	Other-Metal	1lbs/unit				(* Yards "Display" Pack 50'd @ 10'lb/yr) X 1lbs/unit X 0.19units/wk X 52.1428571428571 = 9.907142857142856 lb/yr

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Attachment 9 - City of Rosemead 2000 New Base Year Study Business Surveys (All)

REF#	Bus type	Ref#	Acq	Cap	Comms/sales	Source	Units	Total
15900-Miscellaneous retail	Scavenging Uncoated corrugated cardboard	659.607	Paper	1.1 lbs/unit	USEPA	0.380	(OCC, box, small 12" x 12" x 15" each=1.1) X 1.1lbs/unit X 11.5units/wk X 52/1428571428571 = 659.6071428571428571	
W3	7600-Miscellaneous repair services	876.000	Pallets	40lbs/unit	USEPA	0.438	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 2.04732/1428571428571 = 876 lb/yr	
W4	5800-Eating and drinking places	417.143	Other	11bs/unit		0.000	(Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 1units/wk X 52/1428571428571 = 417.1428571428571 lb/yr	
5800-Eating and drinking places	Reuse Wood pallets	6	Pallets	40lbs/unit/5	USEPA	0.209	(Plastic, 5 gallon HDPE lid each=0.5) X 0.5lb/unit X 0.04units/wk X 52/1428571428571 = 1.0428571428571428571 lb/yr	
5800-Eating and drinking places	Recycling Durable plastic items		Plastic	0.5lbs/unit	UCLA/sh	0.001	(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 0.04units/wk X 52/1428571428571 = 3.9628571428571428571	
W5	8200-Educational services	3.963	Plastic	1.1lbs/unit	USEPA	0.002	(* Plastic, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 0.02028571428571 = 0.2111428571428571	
W6	3600-Electronic & other electric equipment	15	Paper	2.2lbs/unit	USEPA	0.195	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.04units/wk X 52/1428571428571 = 10.428571428571428571	
Y1	2500-Furniture and fixtures	2	Other	1lbs/unit		0.000	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.04units/wk X 52/1428571428571 = 10.428571428571428571	
Y1	2500-Furniture and fixtures	3	Paper	5lbs/unit	USEPA	0.005	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 0.04units/wk X 52/1428571428571 = 10.428571428571428571	
Y1	2500-Furniture and fixtures		Organic	108lbs/unit	USEPA	0.417	(* Yard Trims, mixed 1 cubic yard=108) X 108lbs/unit X 0.148units/wk X 52/1428571428571 = 833.451428571428571	
Y2	2000-Food and kindred products		Paper	1lbs/unit		1.173	(* Pounds=1)X 1lbs/unit X 45.0units/wk X 52/1428571428571 = 1.5352346428571428571	
Y2	2000-Food and kindred products	10	Organic	1lbs/unit		27.375	(* Pounds=1)X 1lbs/unit X 1050units/wk X 52/1428571428571 = 54.750 lb/yr	
2000-Food and kindred products	Reuse Food		Pallets	40lbs/unit/5	USEPA	2.086	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 10units/wk X 52/1428571428571 = 4171.428571428571	

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